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ABSTRACT

This study presents the results of the 30th annual inventory and utilization study of space at North Carolina institutions of higher education for the 1996 fall semester. Text and 26 tables present data for 113 institutions, including the 16 public senior institutions which comprise the University of North Carolina (UNC), 39 private nonprofit colleges and universities, and 58 public two-year institutions, as well as the UNC hospitals at Chapel Hill. All proprietary institutions, as well as two Bible colleges and a theological seminary, are omitted. The study is organized in four sections: (1) utilization of instructional space, which includes ratios, percentages and indices that relate the amount of instructional activity to various categories of campus space; (2) interior space characteristics, which describes campus space by the uses and programs to which it is assigned; (3) building characteristics, which cover elements such as building age, condition and replacement cost; and (4) accessibility of facilities to mobility impaired individuals, both for program accessibility and facilities use. An institutional index is appended.(Contains 10 references).(LEE)

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STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1996

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1996

For
THE STATE OF NORTH CAROLINA

THIRTIETH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1997

Morris Library and Media Center

Gaston College

(Cover Photo)

Gaston College's latest campus addition is the $3.5 million Morris Library and Media Center, dedicated in December, 1996. The new 35,700-square foot library, which adheres to a traditional brick style, replaces the former library, which had become inadequate in provision of both space and technology features.

Exterior features of the building include large windows, a curved wall, a large bay window, and two accessibility ramps for the mobility impaired. A lighted plaza leading from the entrance walkway enhances a cast-stone front entrance.

The Morris Center's first level features a reference and information desk, an electronic classroom, computer areas, a circulation and reserve book desk, access areas for current and back issues of periodicals, a micro-film room, and a study and preview area. The building's second level houses a state-of-the-art media center which includes a television studio, distance learning classroom, control room, and audiovisual production room. Space for technical processing is also located on this level. A special collections library for college archives, local history and other materials collections occupies one end of the building. Administrative offices, staff offices, a lounge and conference room complete the second level.

The Morris Library and Media Center was named in honor of Dr. and Mrs. Leslie Morris, who made a generous contribution to the building's construction. The architect was Little and Associates of Charlotte. Beam Construction of Cherryville was the general contractor.

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Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the thirtieth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1996 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1996 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Phil Albano, Arthur Hohnsbehn, and Harvey White of the Community College System, Karen Copeland of the University of North Carolina at Chapel Hill, Sandra Davis of N. C. Central University, Sheri Green of the Wake County Public Schools, Emily Herman of the University of North Carolina at Greensboro, Terry McNeill of Alamance Community College, and Marjorie White of N. C. A&T State University. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

As a final note, Mr. Charles Wheeler, the former Director of the State Commission on Higher Education Facilities, retired at the end of 1996. It is difficult to express the significant contributions made by Mr. Wheeler over the years in his leadership role in Higher Education Facilities. As a final effort, Mr. Wheeler was a key factor in development of this thirtieth edition of the study. Mr. Wheeler will be missed and we wish him the very best in future endeavors.

Henry A. Holmes
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 113 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (34), and junior colleges (two). Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

Because of the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina University and the University of

North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the commission staff with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a mainframe computer tape, PC diskette, electronic mail, or FTP (file transfer protocol) transmission of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on computer tape, diskette, or by E-mail or FTP. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master mainframe files. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses, and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), the N.C. Community College System office (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

N. C. School of the Arts and St. Mary's College instruct secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at these campuses were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for these institutions, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the School of the Arts and the Junior College subtotal as reported. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. A&T State University similarly shows an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to the institution's extensive instruction and research programs in Agriculture which require significantly more academic space per FTE student than is typical of other general academic programs.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. The student clock hours of UNC at Asheville reflect these WCU courses. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community and Technical Colleges of the North Carolina Community College system.

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization surveying. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

Dunn Center for the Performing Arts, North Carolina Wesleyan College

N.C. Wesleyan College's new, multi-purpose Dunn Center for the Performing Arts, dedicated in January of 1997, has already become a regional showcase for cultural entertainment in addition to its utilization as a seminar training, conference, and retreat center. Beauty and function are combined in the neo-Georgian architecture, spacious, well-lighted interiors, the 1,700 seat Mimms Auditorium, and the more intimate, 132-seat Powers Recital Hall.

Visual Arts are on display throughout the year in the Margaret Mims and North Galleries which adjoin each side of the auditorium. As a meeting and conference center, the 18,000 square foot facility features performance rooms which double as meeting and break-out rooms and a well appointed board room with adjoining kitchen and patio.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 23
Room Hours of Instruction in Class Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Range of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Open Laboratory
225 Open Lab Service

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic or Physical Ed.
525 Athletic or Physical Ed. Svc.

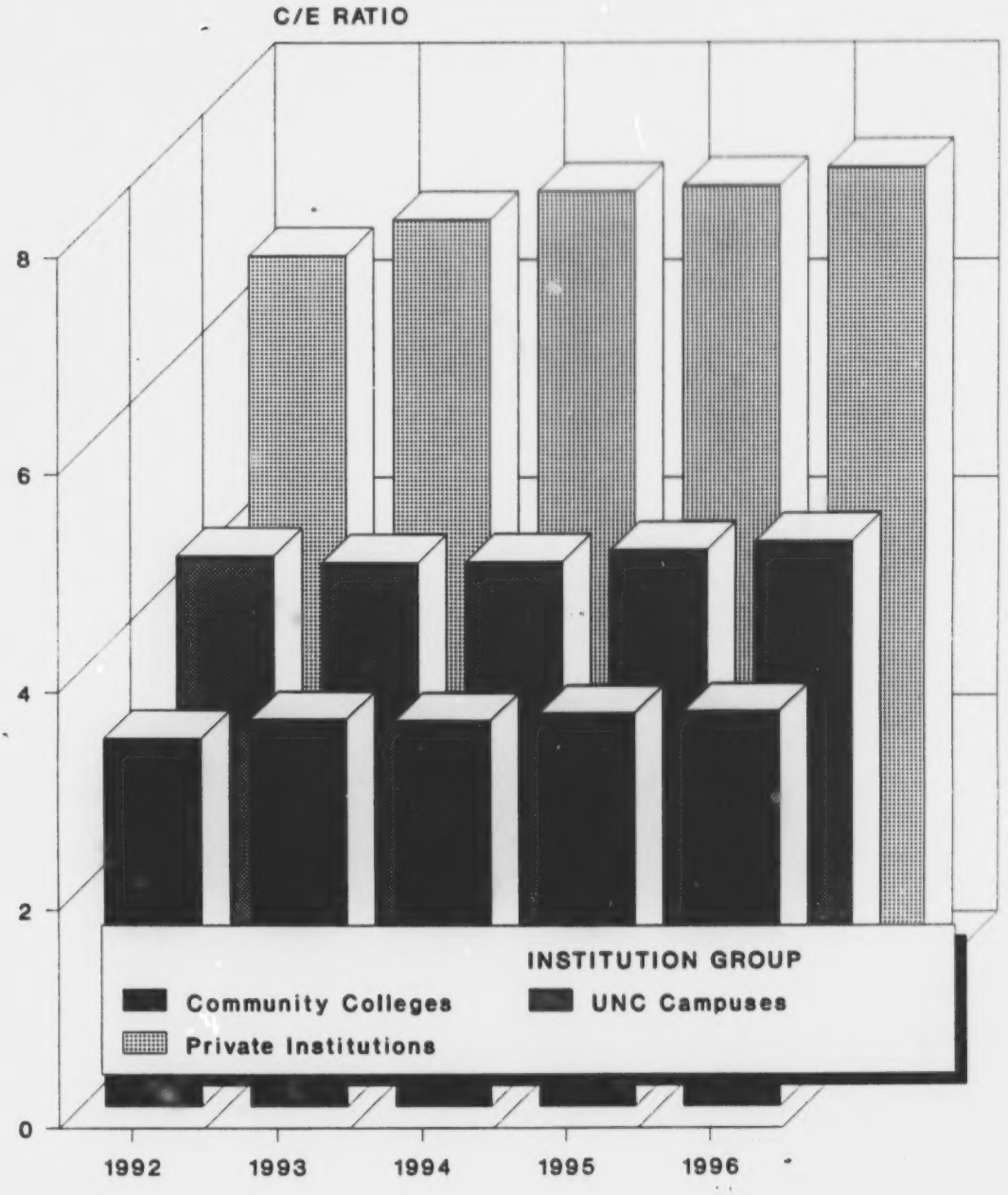
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1996	1995	1994	1993	1992
Research Universities I:							
NC State	1,404,509	354,502.0	3.96	3.95	3.88	3.85	3.85
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,495,494	246,268.5	6.07	6.18	5.76	6.04	5.90
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,900,003	600,770.5	4.83	4.86	4.67	4.76	4.71
Doctoral Granting Universities I:							
UNC-Greensboro	575,391	151,728.0	3.79	3.71	4.00	3.89	3.86
Comprehensive I Universities:							
Appalachian	636,948	167,583.0	3.80	4.05	4.14	4.07	4.14
East Carolina	867,006	222,601.5	3.89	3.48	3.29	3.26	3.43
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	294,099	52,876.0	5.56	5.94	4.70	4.78	4.90
NC A & T	553,565	108,470.0	5.10	4.84	4.73	4.71	4.92
NC Central	414,298	66,729.0	6.21	6.06	5.84	5.58	5.88
UNC-Charlotte	643,547	200,568.5	3.21	3.02	2.98	2.93	2.95
UNC-Pembroke	208,950	35,378.5	5.91	6.20	5.83	5.57	5.58
UNC-Wilmington	402,374	129,229.5	3.11	2.94	2.91	3.02	3.08
West'n Carolina	505,969	84,768.5	5.97	5.71	5.56	5.60	5.54
SUBTOTAL	4,526,756	1,068,204.5	4.24	4.12	4.00	3.91	4.02
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	219,209	33,210.5	6.60	5.98	6.21	5.82	6.24
UNC-Asheville	231,154	40,742.0	5.67	5.39	4.58	4.77	4.57
Winston-Salem	228,449	37,837.5	6.04	6.05	5.94	5.96	6.35
SUBTOTAL	678,812	111,790.0	6.07	5.79	5.51	5.51	5.63

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1996	1995	1994	1993	1992
Specialized Institution:							
NC Sch. of Arts*	191,618	20,244.5	9.47	9.28	9.16	8.90	9.74
Community Colleges:							
SUBTOTAL	6,969,784	1,914,044.0	3.64	3.62	3.55	3.56	3.38
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	1,467,483	185,264.5	7.92	7.20	7.61	7.06	6.18
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,905,194	555,674.0	7.03	7.09	6.80	6.69	6.58
Junior Colleges:							
SUBTOTAL*	124,210	10,936.0	11.36	8.15	8.77	7.64	7.06
GRAND TOTAL	21,339,251	4,618,656.0	4.62	4.57	4.48	4.45	4.34

* High school courses at N.C. School of the Arts and St. Mary's College (Junior Colleges) are included in the data for these institutions.

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1996	1995	1994	1993	1992
Community Colleges:							
Alamance CC	140,554	37,638.0	3.73	2.63	2.74	2.68	2.45
Anson CC	28,044	10,148.5	2.76	2.95	2.83	4.78	3.94
Ashev'le-Bun. TCC	242,430	63,831.0	3.80	4.15	3.89	4.23	4.15
Beaufort Co. CC	83,779	16,819.5	4.98	3.89	4.48	4.28	3.07
Bladen CC	49,666	10,463.0	4.75	4.96	4.98	5.14	5.16
Blue Ridge CC	140,798	19,549.0	7.20	6.77	7.12	6.59	3.67
Brunswick CC	54,573	14,676.0	3.72	3.18	3.66	3.52	3.76
Caldwell CC & TI	111,602	21,398.0	5.22	4.53	4.13	3.95	4.56
Cape Fear CC	127,864	48,018.5	2.66	2.99	2.56	2.54	2.57
Carteret CC	63,660	20,048.5	3.18	3.20	3.12	3.01	2.95
Catawba Vy. CC	169,047	50,001.0	3.38	3.38	3.14	2.78	2.62
C. Carolina CC	150,330	49,852.0	3.02	2.95	3.34	3.71	3.55
C. Piedmont CC	442,823	167,469.5	2.64	2.79	2.47	2.52	2.45
Cleveland CC	99,113	30,276.0	3.27	4.95	4.00	4.23	4.97
Coastal Car. CC	150,933	50,370.0	3.00	2.73	2.62	2.86	2.69
Col. Albemarle	80,882	31,575.0	2.56	2.96	2.94	2.83	2.62
Craven CC	91,907	31,805.5	2.89	2.89	2.94	2.50	2.49
Davidson Co. CC	132,270	32,996.5	4.01	4.14	4.00	3.90	3.66
Durham TCC	145,132	35,772.0	4.06	3.28	3.25	4.18	2.45
Edgecombe CC	86,091	24,957.5	3.45	4.01	4.11	4.30	3.52
Fayettev'le TCC	254,395	95,670.0	2.66	2.87	2.62	2.89	2.78
Forsyth TCC	266,166	61,795.0	4.31	4.50	4.61	4.42	4.71
Gaston Col.	172,471	38,801.5	4.44	4.01	3.57	3.91	3.30
Guilford TCC	379,451	82,446.5	4.60	3.74	3.57	3.55	3.31
Halifax CC	84,598	23,939.0	3.53	3.17	2.93	2.49	3.10
Haywood CC	126,801	24,551.0	5.16	5.31	5.33	5.16	4.81
Isothermal CC	132,680	24,252.5	5.47	5.82	5.71	5.45	4.69
J. Sprunt CC	60,077	11,644.0	5.16	4.71	4.54	4.74	4.50
Johnston CC	93,964	27,686.0	3.39	3.30	3.34	2.95	2.87
Lenoir CC	134,973	36,535.0	3.69	4.33	4.43	3.81	4.23

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1996	1995	1994	1993	1992
Community Colleges:							
Martin CC	74,389	16,317.5	4.56	4.75	5.77	6.94	5.41
Mayland CC	43,656	8,786.0	4.97	5.65	5.28	3.90	3.33
McDowell TCC	50,852	15,159.0	3.35	4.02	4.45	4.28	4.93
Mitchell CC	116,550	24,965.0	4.67	4.44	4.65	4.42	4.29
Montgomery CC	39,522	10,072.0	3.92	3.87	4.13	5.50	5.05
Nash CC	84,894	26,602.5	3.19	2.69	3.67	3.04	3.39
Pamlico CC	20,395	3,423.0	5.96	5.06	5.78	7.09	5.46
Piedmont CC	63,527	12,103.5	5.25	5.09	5.62	4.21	4.25
Pitt CC	142,423	51,090.0	2.79	3.52	3.58	3.46	2.28
Randolph CC	123,792	25,748.5	4.81	5.25	4.54	4.49	4.58
Richmond CC	76,558	17,874.0	4.28	3.69	3.91	3.89	4.36
Roanoke-Cho. CC	69,868	14,273.0	4.90	4.98	4.40	4.61	5.80
Robeson CC	88,231	27,585.5	3.20	3.04	3.45	3.64	3.43
Rockingham CC	155,341	29,674.5	5.23	4.49	4.56	4.34	4.55
Rowan-Cab. CC	132,172	39,985.0	3.31	3.26	3.54	3.42	3.40
Sampson CC	60,646	16,749.0	3.62	3.53	3.01	2.93	3.38
Sandhills CC	131,203	35,606.5	3.68	4.24	3.72	4.65	4.71
Southeastern CC	94,849	22,069.0	4.30	3.75	3.75	3.77	3.57
Southwestern CC	84,856	26,860.0	3.16	4.01	3.74	4.06	3.86
Stanly CC	63,815	18,056.5	3.53	3.24	2.80	3.17	3.07
Surry CC	129,929	44,036.5	2.95	2.55	2.79	2.76	2.82
Tri-County CC	57,097	11,278.5	5.06	5.01	4.75	4.81	4.51
Vance-Granv. CC	103,731	32,389.5	3.20	3.14	2.87	2.82	2.89
Wake TCC	207,080	75,087.5	2.76	2.78	2.78	2.90	2.77
Wayne CC	161,150	37,488.5	4.30	3.64	3.66	3.41	3.27
W. Piedmont CC	91,852	24,293.0	3.78	3.62	3.61	3.47	3.41
Wilkes CC	117,287	31,874.0	3.68	3.86	4.20	3.94	3.53
Wilson TCC	87,045	19,611.0	4.44	4.56	4.88	4.81	4.98
TOTAL	6,969,784	1,914,044.0	3.64	3.62	3.55	3.56	3.38

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest today in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), or 765 (Hazardous Materials Service). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facility), 635 (Food Facility Service), 660 (Merchandising), 665 (Merchandising Service), 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), 765 (Hazardous Materials Service), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

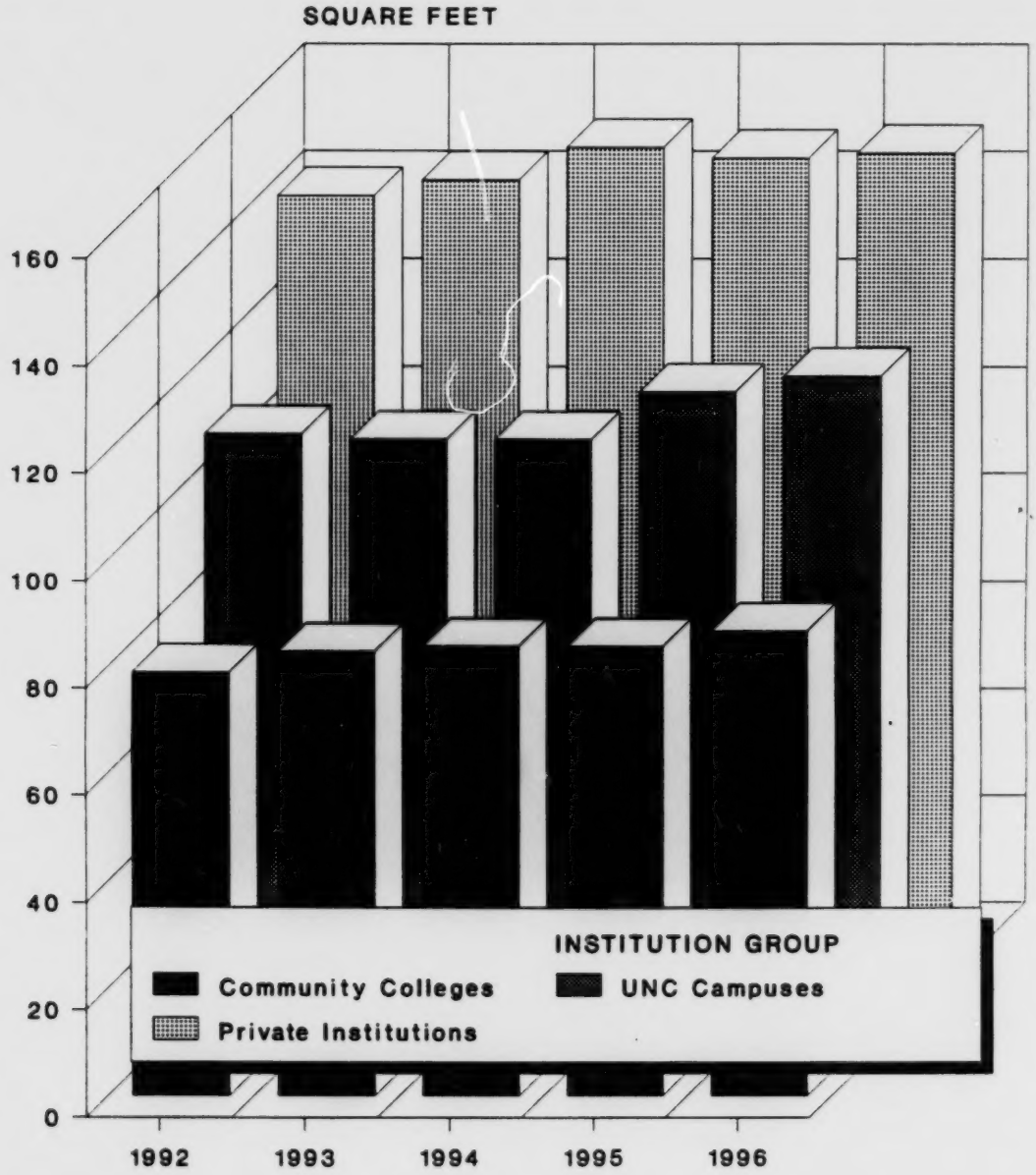
In this table, the FTE enrollments which are reported for the institutions of the Community College System include enrollment generated in all inventoried space. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

The N.C. Community College System now reports FTE figures based on a contact-hour formula instead of the previous credit-hour basis of calculation applied until 1987 (see pages 69-70). All figures in this publication's tables, which include 5-year historical trends for many statistics, are based on the revised method of calculation. This change had an overall impact of slightly increasing FTE and thus decreasing square feet of academic facilities per FTE student. For the community colleges, therefore, previous year figures for Table 2 and Table 12 in this study published before 1987 will not coincide with those in subsequent publications.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1996	1995	1994	1993	1992
Research Universities I:							
NC State	4,176,498	22,348	187	182	136	136	136
NC State Vet.	255,656	293	873	900	800	782	779
UNC-Chapel Hill	2,635,861	18,016	146	143	140	143	146
UNC-Health Aff.	1,424,644	3,409	418	415	398	395	385
SUBTOTAL*	6,812,359	40,364	169	164	137	139	141
Doctoral Granting Universities I:							
UNC-Greensboro	972,974	10,631	92	89	96	93	90
Comprehensive I Universities:							
Appalachian	1,001,447	11,371	88	90	91	93	92
East Carolina	1,213,041	14,443	84	80	77	76	75
ECU-Health Aff.	528,146	1,566	337	321	414	426	443
Fayetteville	417,646	3,435	122	122	102	103	106
NC A & T**	996,040	6,928	144	132	127	129	137
NC Central	580,813	4,694	124	121	116	116	117
UNC-Charlotte	901,762	13,176	68	65	65	64	66
UNC-Pembroke	289,094	2,585	112	113	106	105	106
UNC-Wilmington	569,444	8,265	69	66	66	66	68
West'n Carolina	716,335	6,009	119	119	123	130	129
SUBTOTAL*	6,685,622	70,906	94	92	90	90	91
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	310,761	1,826	170	164	155	151	161
UNC-Asheville	310,996	2,609	119	117	106	107	104
Winston-Salem	361,475	2,459	147	130	127	130	137
SUBTOTAL	983,232	6,894	143	134	127	122	124

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1996	1995	1994	1993	1992
Specialized Institution:							
NC Sch. of Arts***	256,765	723	355	364	383	411	520
Community Colleges:							
SUBTOTAL	8,794,901	101,565	87	84	84	83	79
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL*	2,763,145	15,975	173	172	178	162	149
Gen. Baccalaureate Colleges:							
SUBTOTAL	5,618,954	41,018	137	137	136	135	136
Junior Colleges:							
SUBTOTAL***	186,385	647	288	267	219	180	173
GRAND TOTAL	33,074,337	288,723	115	112	108	107	105

* Division of Health Affairs and NCSU Veterinary School are excluded from all totals.

** Agricultural programs at N.C. A&T require a significant amount of academic space. The 1996 figures for these programs are: ASF: 214,188; FTE: 277; ASF per FTE: 773. Figures for all other campus programs: ASF: 781,852; FTE: 6,651; ASF per FTE: 118.

*** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts and St. Mary's College (Junior Colleges).

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1996	1995	1994	1993	1992
Community Colleges:							
Alamance CC	169,788	2,156	79	63	61	59	55
Anson CC	35,152	525	67	73	74	110	110
Ashev'le-Bun. TCC	294,493	2,689	110	110	101	97	98
Beaufort Co. CC	110,043	1,029	107	90	98	105	99
Bladen CC	67,670	612	111	122	114	112	107
Blue Ridge CC	165,880	1,135	146	135	129	128	87
Brunswick CC	90,043	634	142	121	125	122	103
Caldwell CC & TI	143,846	1,840	78	99	108	94	91
Cape Fear CC	149,327	2,763	54	60	52	50	52
Carteret CC	101,581	990	103	91	90	93	85
Catawba Vy. CC	208,931	2,166	96	95	96	80	74
C. Carolina CC	168,017	2,208	76	86	91	87	89
C. Piedmont CC	547,878	7,943	69	60	57	54	53
Cleveland CC	122,768	1,202	102	123	126	137	127
Coastal Car. CC	178,353	2,560	70	59	59	57	59
Col. Albemarle	120,800	1,665	73	81	78	78	70
Craven CC	101,716	1,494	68	53	67	67	65
Davidson Co. CC	172,274	1,811	95	96	101	79	74
Durham TCC	178,574	2,634	68	63	62	64	53
Edgecombe CC	112,438	1,385	81	85	85	89	70
Fayettev'le TCC	339,740	4,997	68	69	69	71	67
Forsyth TCC	331,052	3,288	101	103	105	106	103
Gaston Col.	225,670	2,884	78	77	68	77	77
Guilford TCC	472,998	5,076	93	83	81	76	73
Halifax CC	112,858	1,054	107	89	79	75	74
Haywood CC	175,143	1,234	142	147	146	143	145
Isothermal CC	157,308	1,208	130	123	130	121	108
J. Sprunt CC	80,663	738	109	105	94	94	91
Johnston CC	135,020	1,595	85	77	66	68	67
Lenoir CC	167,023	1,699	98	100	103	89	83

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1996	1995	1994	1993	1992
Community Colleges:							
Martin CC	95,078	644	148	159	156	157	130
Mayland CC	60,472	582	104	128	104	77	85
McDowell TCC	61,608	849	73	87	100	118	122
Mitchell CC	149,636	1,237	121	119	121	122	115
Montgomery CC	48,269	572	84	89	91	127	123
Nash CC	103,387	1,180	88	83	85	85	80
Pamlico CC	25,686	143	180	148	156	204	185
Piedmont CC	91,073	796	114	158	165	130	150
Pitt CC	168,878	2,811	60	61	61	94	58
Randolph CC	151,729	1,247	122	132	113	111	105
Richmond CC	101,856	887	115	111	108	119	110
Roanoke-Cho. CC	87,258	703	124	129	120	119	126
Robeson CC	110,847	1,344	82	85	90	92	82
Rockingham CC	189,921	1,489	128	111	107	104	106
Rowan-Cab. CC	156,468	2,450	64	66	111	105	109
Sampson CC	75,797	819	93	99	91	82	89
Sandhills CC	161,358	2,268	71	71	69	67	69
Southeastern CC	117,257	1,376	85	81	79	77	69
Southwestern CC	111,465	1,231	91	109	103	104	101
Stanly CC	78,290	1,073	73	76	68	68	70
Surry CC	149,390	2,141	70	58	61	61	59
Tri-County CC	73,904	569	130	137	125	139	124
Vance-Granv. CC	146,515	1,438	102	95	89	90	88
Wake TCC	265,724	4,250	63	61	62	65	64
Wayne CC	195,689	1,981	99	85	84	82	78
W. Piedmont CC	116,153	1,650	70	67	70	69	63
Wilkes CC	154,288	1,614	96	109	113	106	94
Wilson TCC	109,858	1,007	109	106	114	119	113
TOTAL	8,794,901	101,565	87	84	84	83	79

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

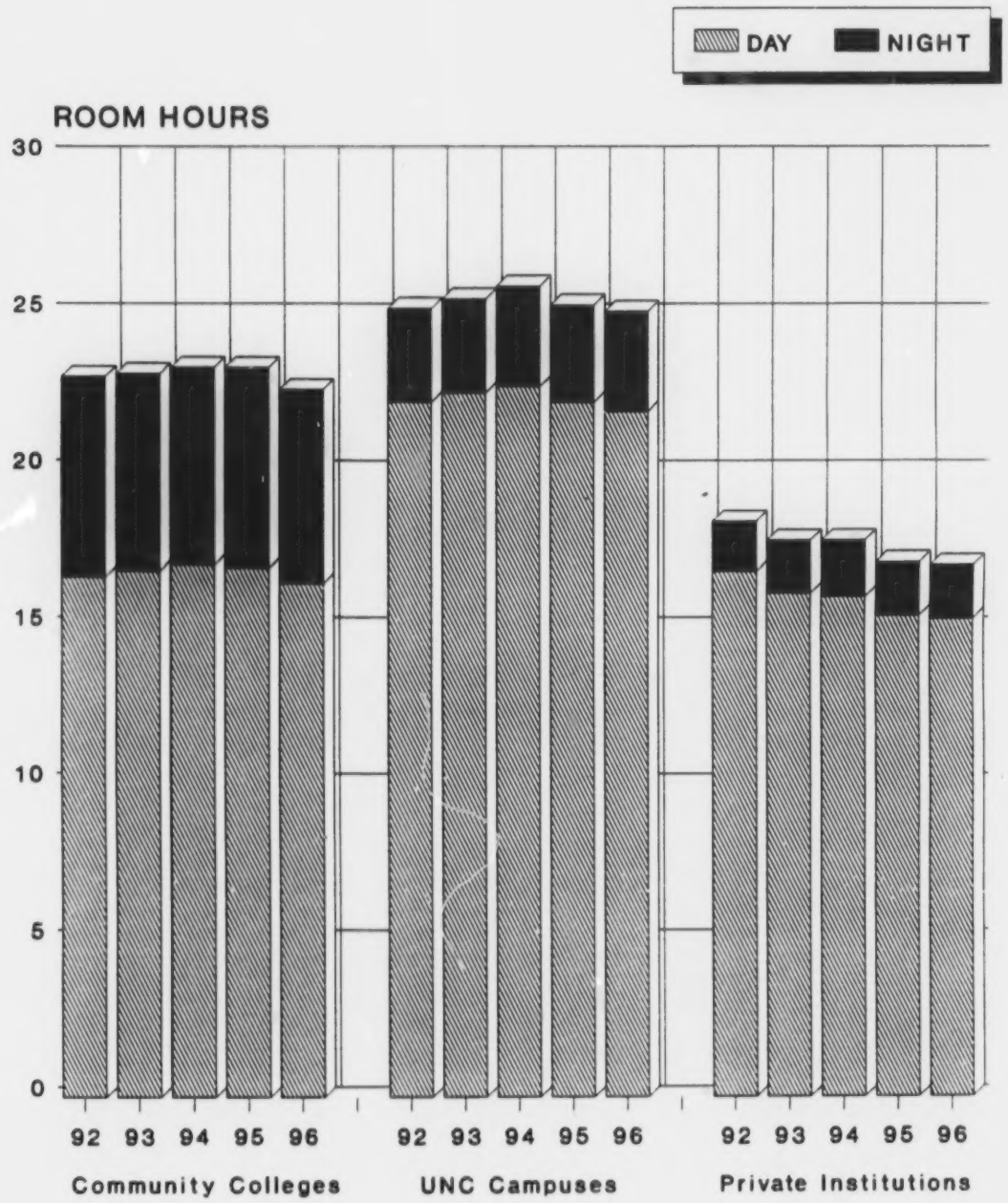
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Research Universities I:								
NC State	7,682.5	29.2	3.2	32.4	32.2	32.6	31.4	30.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,369.0	24.1	0.9	25.0	24.6	26.3	25.4	25.6
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,051.5	26.5	2.0	28.5	28.2	29.4	28.3	28.1
Doctoral Granting Universities I:								
UNC-Greensboro	3,763.0	24.4	4.7	29.1	29.5	28.8	28.7	28.6
Comprehensive I Universities:								
Appalachian	5,208.5	24.3	1.9	26.2	26.2	25.3	27.3	26.0
East Carolina	5,238.0	21.4	3.4	24.8	25.4	27.2	27.2	25.9
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,855.5	16.7	3.5	20.2	19.9	22.9	21.8	22.0
NC A & T	3,207.0	18.5	2.7	21.2	21.0	20.8	18.7	20.0
NC Central	2,149.5	12.1	3.3	15.4	16.3	16.3	16.0	15.4
UNC-Charlotte	4,413.0	25.3	7.8	33.1	36.2	38.3	38.6	38.3
UNC-Pembroke	1,291.0	15.7	2.7	18.4	19.0	19.3	19.9	19.4
UNC-Wilmington	3,251.5	30.1	4.8	34.9	34.2	35.2	34.5	35.4
West'n Carolina	2,581.5	19.8	2.4	22.2	22.1	23.8	25.3	24.4
SUBTOTAL	29,195.5	20.7	3.5	24.2	24.4	25.2	25.7	25.3
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	1,051.0	15.7	1.8	17.5	19.3	18.2	19.1	17.6
UNC-Asheville	1,590.0	22.0	5.9	27.9	28.6	26.9	24.8	25.7
Winston-Salem	1,192.0	14.5	2.5	17.0	17.3	17.1	14.1	14.5
SUBTOTAL	3,833.0	17.2	3.3	20.5	21.4	20.4	19.0	18.9

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Specialized Institution:								
NC Sch. of Arts	524.5	14.9	1.0	15.9	17.3	17.7	15.6	16.3
Community Colleges:								
SUBTOTAL	66,908.0	16.4	6.2	22.6	23.3	23.3	23.1	23.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,727.5	15.5	0.9	16.4	17.4	18.0	18.0	19.8
Gen. Baccalaureate Colleges:								
SUBTOTAL	22,345.0	15.5	2.0	17.5	17.2	18.0	17.9	18.1
Junior Colleges:								
SUBTOTAL	514.0	8.7	0.1	8.8	13.4	14.4	16.4	18.0
GRAND TOTAL	146,862.0	17.8	4.2	22.0	22.3	22.7	22.6	22.6

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Alamance CC	1,372.5	17.4	7.5	24.9	30.0	30.3	30.5	31.1
Anson CC	272.5	19.5	5.3	24.8	24.8	24.6	18.0	20.8
Ashev'le-Bun. TCC	2,326.0	17.5	6.3	23.8	23.0	21.7	21.1	20.1
Beaufort Co. CC	585.0	10.6	5.2	15.8	19.6	15.8	17.5	22.7
Bladen CC	412.0	15.2	9.1	24.3	23.2	23.6	21.5	20.5
Blue Ridge CC	953.5	11.6	7.1	18.7	19.0	17.3	19.9	27.0
Brunswick CC	718.5	20.8	3.9	24.7	25.9	24.1	27.0	20.0
Caldwell CC & TI	810.5	13.0	5.4	18.4	21.9	22.4	21.9	20.4
Cape Fear CC	1,542.5	25.5	9.5	35.0	27.2	38.2	37.0	33.2
Carteret CC	712.5	14.2	5.6	19.8	20.9	20.6	23.7	22.8
Catawba Vy. CC	1,635.0	18.5	7.9	26.4	25.9	26.0	28.8	28.5
C. Carolina CC	1,733.5	18.4	6.3	24.7	27.2	27.0	23.6	25.0
C. Piedmont CC	5,822.5	19.3	7.2	26.5	28.0	27.5	28.7	25.1
Cleveland CC	768.5	13.9	9.4	23.3	21.4	21.7	20.0	18.4
Coastal Car. CC	1,620.0	17.0	5.5	22.5	29.2	29.4	30.4	29.7
Col. Albemarle	915.5	18.2	6.6	24.8	22.2	21.7	23.4	25.2
Craven CC	1,113.5	17.6	6.0	23.6	19.7	22.6	22.5	21.9
Davidson Co. CC	1,108.0	13.2	5.0	18.2	17.5	18.0	23.9	23.2
Durham TCC	1,423.5	13.3	6.4	19.7	23.4	22.6	19.3	28.5
Edgecombe CC	991.0	13.1	4.6	17.7	18.4	16.9	17.7	17.3
Fayettev'le TCC	3,877.0	23.0	7.1	30.1	26.8	29.5	27.1	27.5
Forsyth TCC	2,158.0	13.8	6.9	20.7	19.7	18.8	18.3	15.9
Gaston Col.	1,548.0	15.6	6.8	22.4	21.5	24.7	23.8	26.6
Guilford TCC	2,973.5	11.4	4.1	15.5	22.5	21.6	22.2	22.4
Halifax CC	921.5	17.7	6.6	24.3	25.4	26.8	28.6	23.8
Haywood CC	666.0	16.6	6.3	22.9	22.5	19.2	21.3	24.8
Isothermal CC	687.5	11.7	5.5	17.2	16.4	17.3	16.4	18.2
J. Sprunt CC	559.0	12.5	3.0	15.5	14.5	13.6	14.8	15.0
Johnston CC	928.5	16.0	5.1	21.1	21.5	22.9	22.8	22.4
Lenoir CC	1,394.0	16.2	4.6	20.8	18.2	17.9	19.4	19.6

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Martin CC	329.0	13.2	4.1	17.3	16.6	16.4	16.9	16.8
Mayland CC	475.5	15.2	5.5	20.7	17.4	18.5	24.4	24.1
McDowell TCC	312.0	9.1	6.5	15.6	17.0	19.7	15.4	15.0
Mitchell CC	1,037.0	13.4	6.2	19.6	21.1	22.8	23.0	18.9
Montgomery CC	156.5	6.8	6.2	13.0	13.0	11.6	11.5	21.2
Nash CC	991.5	20.5	9.5	30.0	30.2	26.8	28.6	27.5
Pamlico CC	235.5	18.3	7.9	26.2	30.1	27.5	25.3	25.3
Piedmont CC	424.0	11.0	5.3	16.3	16.3	15.3	15.8	14.8
Pitt CC	1,446.5	23.4	6.1	29.5	27.3	27.9	25.8	34.5
Randolph CC	838.5	10.7	8.8	19.5	20.5	19.7	18.7	17.3
Richmond CC	731.0	12.6	7.7	20.3	23.2	23.0	21.9	20.5
Roanoke-Cho. CC	431.5	18.6	3.0	21.6	20.0	20.9	19.1	19.0
Robeson CC	863.5	15.7	9.7	25.4	24.5	25.2	24.7	29.3
Rockingham CC	994.0	13.8	5.3	19.1	23.4	23.6	23.7	22.6
Rowan-Cab. CC	1,728.0	16.2	9.2	25.4	24.9	23.2	22.8	20.7
Sampson CC	861.0	20.3	9.4	29.7	28.7	29.1	27.3	23.9
Sandhills CC	1,253.0	20.4	4.2	24.6	19.7	21.2	17.1	16.5
Southeastern CC	705.5	15.0	2.2	17.2	20.2	18.0	17.4	17.0
Southwestern CC	667.5	16.7	4.1	20.8	21.0	20.4	18.8	18.4
Stanly CC	665.0	19.3	5.3	24.6	24.9	27.2	23.5	24.9
Surry CC	1,051.5	19.9	7.1	27.0	31.5	27.9	29.1	27.2
Tri-County CC	537.0	12.5	9.9	22.4	19.8	19.5	19.3	19.7
Vance-Granv. CC	1,119.5	16.4	6.9	23.3	23.5	28.1	24.8	24.3
Wake TCC	2,449.5	21.1	4.9	26.0	25.7	26.7	26.1	28.6
Wayne CC	1,147.5	15.5	3.6	19.1	21.5	23.1	23.7	23.3
W. Piedmont CC	783.0	16.8	6.3	23.1	25.6	25.6	25.5	27.3
Wilkes CC	1,439.0	17.6	6.4	24.0	26.3	22.9	24.2	24.6
Wilson TCC	685.5	16.4	7.2	23.6	22.7	21.3	19.5	16.4
TOTAL	66,908.0	16.4	6.2	22.6	23.3	23.3	23.1	23.0

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

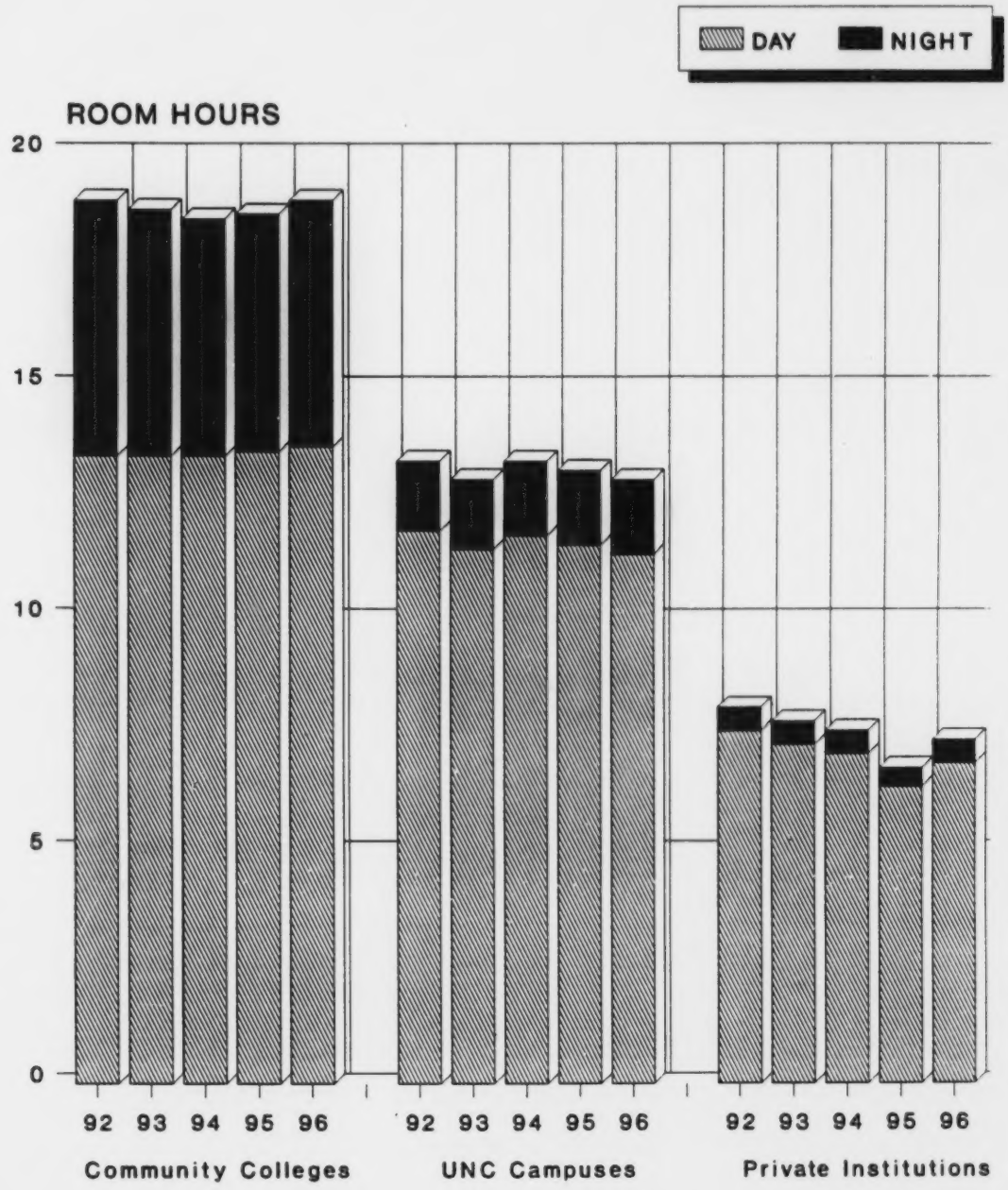
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Research Universities I:								
NC State	2,970.0	9.5	1.3	10.8	10.8	12.7	11.9	11.8
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,110.5	11.3	2.0	13.3	13.0	13.9	13.2	16.3
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	4,080.5	9.9	1.4	11.3	11.3	13.0	12.2	13.1
Doctoral Granting Universities I:								
UNC-Greensboro	878.0	13.4	1.3	14.7	13.9	13.8	13.4	15.3
Comprehensive I Universities:								
Appalachian	1,406.5	13.7	1.2	14.9	14.1	12.7	13.5	14.7
East Carolina	2,035.0	15.6	2.2	17.8	18.0	14.5	15.0	15.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	501.0	11.6	2.0	13.6	12.5	12.8	11.5	11.2
NC A & T	1,145.0	12.2	1.9	14.1	12.0	13.1	12.8	12.3
NC Central	379.5	6.1	0.9	7.0	6.7	6.0	6.0	6.4
UNC-Charlotte	1,811.0	16.3	2.9	19.2	19.3	20.8	19.6	18.9
UNC-Pembroke	209.0	6.6	0.4	7.0	7.2	6.4	6.4	6.6
UNC-Wilmington	882.0	9.9	1.5	11.4	21.6	20.2	18.7	18.9
West'n Carolina	616.5	10.6	0.8	11.4	12.6	14.9	13.4	14.9
SUBTOTAL	8,985.5	12.4	1.7	14.1	14.7	14.1	14.2	14.6
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	480.0	11.2	1.5	12.7	14.5	13.1	10.8	10.5
UNC-Asheville	342.0	9.5	1.6	11.1	10.4	10.5	10.4	10.1
Winston-Salem	260.5	6.9	2.7	9.6	7.3	8.6	8.1	8.2
SUBTOTAL	1,082.5	9.4	1.8	11.2	11.1	11.0	9.1	9.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Specialized Institution:								
NC Sch. of Arts	586.0	11.3	0.4	11.7	11.2	11.8	12.9	12.1
Community Colleges:								
SUBTOTAL	42,277.0	13.7	5.3	19.0	18.7	18.6	18.8	19.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	667.0	4.6	0.1	4.7	3.5	5.5	6.2	6.5
Gen. Baccalaureate Colleges:								
SUBTOTAL	4,835.5	7.5	0.6	8.1	7.7	8.0	8.1	8.4
Junior Colleges:								
SUBTOTAL	128.5	6.4	0.0	6.4	5.2	7.6	7.5	8.1
GRAND TOTAL	63,520.5	11.8	3.3	15.1	15.0	15.2	15.1	15.5

Table 4

Average Weekly Room Hours of Instruction in Class Laboratories

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Alamance CC	1,073.0	16.9	6.0	22.9	27.4	25.7	25.1	26.3
Anson CC	384.0	19.5	7.9	27.4	25.1	23.6	21.7	23.0
Ashev'le-Bun. TCC	1,227.5	15.6	5.9	21.5	20.0	18.2	16.7	17.7
Beaufort Co. CC	613.0	13.4	4.7	18.1	22.0	20.0	20.9	26.1
Bladen CC	335.0	14.4	5.3	19.7	20.3	19.3	16.0	16.9
Blue Ridge CC	460.0	8.4	5.1	13.5	12.3	12.5	15.7	24.1
Brunswick CC	257.5	13.3	5.1	18.4	21.5	16.3	15.7	15.2
Caldwell CC & TI	503.0	8.2	3.7	11.9	13.9	14.9	16.0	15.6
Cape Fear CC	1,092.5	18.1	7.3	25.4	25.6	24.4	24.6	24.4
Carteret CC	491.0	12.3	5.3	17.6	18.5	16.6	16.8	17.9
Catawba Vy. CC	1,417.0	16.3	6.9	23.2	23.4	22.0	22.5	23.1
C. Carolina CC	1,129.0	14.0	4.2	18.2	16.5	16.1	14.8	15.6
C. Piedmont CC	3,203.5	20.2	5.8	26.0	26.0	27.1	27.5	23.4
Cleveland CC	742.5	9.1	7.8	16.9	13.4	12.5	13.3	13.7
Coastal Car. CC	1,067.0	16.4	5.8	22.2	21.8	23.8	22.3	22.1
Col. Albemarle	541.0	17.9	3.8	21.7	18.6	16.6	16.8	16.6
Craven CC	740.0	18.5	7.9	26.4	25.9	27.2	27.6	24.1
Davidson Co. CC	549.5	10.2	3.5	13.7	16.9	15.1	15.5	16.6
Durham TCC	703.0	10.5	5.2	15.7	15.8	15.3	16.5	22.1
Edgecombe CC	746.0	14.9	5.9	20.8	17.4	16.1	14.0	13.9
Fayettev'le TCC	1,244.0	13.7	3.8	17.5	17.1	16.4	15.9	15.4
Forsyth TCC	1,097.0	10.9	4.5	15.4	15.7	15.1	18.0	18.9
Gaston Col.	563.0	10.1	4.7	14.8	14.8	14.6	15.7	16.5
Guilford TCC	1,457.5	10.2	3.7	13.9	14.7	13.9	14.7	15.1
Halifax CC	533.0	16.8	4.5	21.3	23.1	30.0	29.9	27.7
Haywood CC	1,051.5	14.2	3.9	18.1	21.2	18.6	20.4	19.2
Isothermal CC	704.5	12.8	5.7	18.5	17.6	17.3	17.7	19.2
J. Sprunt CC	300.5	12.0	2.3	14.3	14.2	20.6	22.3	20.1
Johnston CC	525.0	10.6	3.2	13.8	13.6	14.4	13.4	14.7
Lenoir CC	606.5	14.2	4.8	19.0	16.9	14.7	19.1	19.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Martin CC	453.5	12.2	4.0	16.2	14.8	16.5	13.1	15.8
Mayland CC	195.5	13.6	6.0	19.6	23.6	25.1	28.7	27.3
McDowell TCC	502.5	12.8	9.1	21.9	19.3	24.0	22.3	21.9
Mitchell CC	372.5	6.9	4.4	11.3	10.9	11.7	12.0	15.7
Montgomery CC	531.5	14.8	7.4	22.2	23.4	22.9	23.5	22.5
Nash CC	551.5	14.9	7.1	22.0	20.0	17.6	20.6	16.5
Pamlico CC	134.0	9.0	7.8	16.8	14.5	14.0	16.3	21.8
Piedmont CC	442.5	11.6	6.8	18.4	16.6	18.2	19.7	23.3
Pitt CC	953.0	14.4	3.6	18.0	12.7	13.3	12.7	21.2
Randolph CC	829.0	12.7	4.6	17.3	14.6	17.6	18.2	17.5
Richmond CC	382.0	11.4	6.8	18.2	18.2	17.6	16.8	14.2
Roanoke-Cho. CC	318.0	15.2	4.7	19.9	20.0	20.0	20.0	13.2
Robeson CC	537.5	10.2	6.1	16.3	16.1	17.5	16.2	18.2
Rockingham CC	814.5	13.6	5.3	18.9	22.1	19.0	20.3	19.7
Rowan-Cab. CC	752.0	12.7	7.1	19.8	19.6	18.4	19.2	18.7
Sampson CC	207.0	9.8	6.1	15.9	19.0	21.2	20.9	21.4
Sandhills CC	552.0	11.5	2.7	14.2	13.0	15.6	12.0	12.7
Southeastern CC	496.0	10.6	2.8	13.4	12.8	10.5	15.2	12.6
Southwestern CC	532.5	12.5	3.2	15.7	14.1	15.6	12.8	11.2
Stanly CC	585.5	13.5	4.2	17.7	20.0	19.9	17.8	18.2
Surry CC	1,143.5	19.6	8.3	27.9	25.1	27.5	26.4	26.3
Tri-County CC	277.5	8.9	7.4	16.3	12.8	12.8	14.0	13.6
Vance-Granv. CC	967.5	15.1	8.5	23.6	24.8	26.4	24.4	23.7
Wake TCC	1,660.5	21.7	6.9	28.6	27.3	27.1	25.6	25.5
Wayne CC	765.0	13.2	2.8	16.0	17.4	17.2	16.1	16.3
W. Piedmont CC	518.0	13.4	6.5	19.9	22.7	20.0	21.8	19.5
Wilkes CC	784.0	14.7	4.0	18.7	17.2	17.8	19.3	21.3
Wilson TCC	661.0	13.0	7.6	20.6	18.5	19.8	20.1	19.9
TOTAL	42,277.0	13.7	5.3	19.0	18.7	18.6	18.8	19.0

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

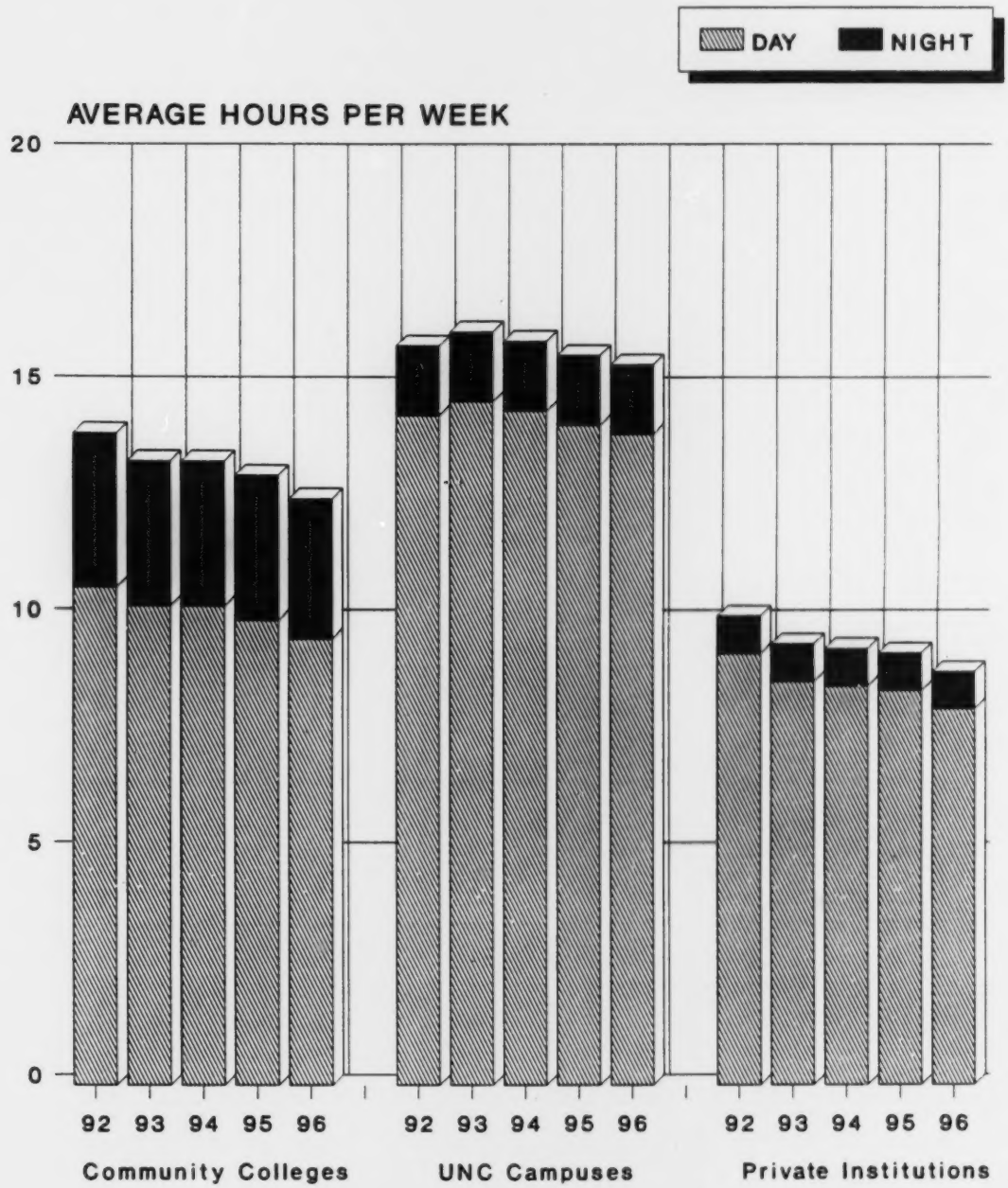
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Research Universities I:								
NC State	13,737	18.1	1.7	19.8	19.7	19.8	19.5	19.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,924	15.1	0.4	15.5	15.2	16.5	15.7	15.3
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,661	16.6	1.0	17.6	17.4	18.1	17.7	17.4
Doctoral Granting Universities I:								
UNC-Greensboro	6,972	15.2	2.3	17.5	17.9	16.5	17.5	17.3
Comprehensive I Universities:								
Appalachian	8,166	15.9	0.9	16.8	16.0	15.6	16.0	15.8
East Carolina	9,982	15.4	1.9	17.3	17.3	18.3	18.5	17.4
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	3,692	9.6	1.3	10.9	10.2	11.7	11.9	11.2
NC A & T	6,764	11.4	1.2	12.6	13.5	13.5	14.8	14.0
NC Central	6,204	7.3	1.4	8.7	9.2	9.6	10.0	9.5
UNC-Charlotte	7,776	16.2	3.5	19.7	22.9	23.0	23.7	23.0
UNC-Pembroke	2,903	8.8	1.1	9.9	9.7	10.4	10.6	10.5
UNC-Wilmington	4,966	18.2	2.1	20.3	21.7	22.2	22.6	22.8
West'n Carolina	4,855	11.6	1.3	12.9	13.3	13.5	14.1	15.1
SUBTOTAL	55,308	13.4	1.7	15.1	15.4	15.8	16.7	16.3
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	2,598	7.9	0.7	8.6	9.5	9.8	10.4	9.1
UNC-Asheville	2,260	11.7	2.6	14.3	14.8	14.6	13.7	14.1
Winston-Salem	3,442	7.4	0.9	8.3	8.7	8.9	7.9	7.7
SUBTOTAL	8,300	8.8	1.3	10.1	10.7	10.8	10.3	10.0

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Specialized Institution:								
NC Sch. of Arts	817	9.5	0.6	10.1	10.7	10.6	9.7	9.4
Community Colleges:								
SUBTOTAL	95,165	9.6	3.0	12.6	13.1	13.4	13.4	14.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	15,826	9.4	0.4	9.8	10.7	10.1	10.3	12.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	49,727	7.8	0.9	8.7	8.8	9.2	9.2	9.6
Junior Colleges:								
SUBTOTAL	1,736	5.1	0.1	5.2	7.9	8.0	9.3	10.1
GRAND TOTAL	261,512	10.9	1.9	12.8	13.1	13.4	13.5	13.7

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Alamance CC	2,226	7.0	2.6	9.6	15.1	13.9	14.6	16.1
Anson CC	291	11.4	3.2	14.6	16.6	17.9	9.2	11.3
Ashev'le-Bun. TCC	2,883	11.1	3.4	14.5	13.4	13.3	12.6	12.2
Beaufort Co. CC	983	5.7	2.4	8.1	11.9	10.1	10.6	14.5
Bladen CC	522	8.5	3.2	11.7	10.0	10.3	10.8	10.5
Blue Ridge CC	1,415	6.8	3.2	10.0	9.9	9.6	10.8	14.0
Brunswick CC	869	10.4	1.8	12.2	13.4	12.7	13.6	12.7
Caldwell CC & TI	1,304	7.6	2.9	10.5	12.2	11.9	12.9	11.4
Cape Fear CC	1,402	16.8	5.4	22.2	17.9	24.3	23.8	23.2
Carteret CC	980	9.9	3.4	13.3	13.2	13.9	15.4	15.9
Catawba Vy. CC	1,722	10.6	4.4	15.0	14.2	15.9	18.5	19.6
C. Carolina CC	2,132	11.0	3.1	14.1	17.2	15.6	12.8	15.2
C. Piedmont CC	7,974	10.9	3.7	14.6	14.8	15.9	16.6	16.8
Cleveland CC	1,115	7.7	4.1	11.8	9.9	10.6	9.9	10.1
Coastal Car. CC	2,127	11.8	3.6	15.4	19.2	19.4	18.0	19.1
Col. Albemarle	1,271	9.3	2.6	11.9	11.5	11.8	12.6	14.9
Craven CC	1,544	8.7	2.5	11.2	10.5	11.1	12.4	12.2
Davidson Co. CC	2,265	7.6	2.1	9.7	9.3	9.4	13.6	13.7
Durham TCC	2,266	7.3	3.6	10.9	14.3	13.7	10.9	20.0
Edgecombe CC	1,389	8.8	2.3	11.1	11.2	11.2	10.7	12.1
Fayettev'le TCC	4,669	12.5	3.0	15.5	14.3	16.2	14.8	15.3
Forsyth TCC	3,585	7.8	3.8	11.6	10.8	10.5	10.3	9.4
Gaston Col.	2,534	8.4	2.9	11.3	11.4	13.8	12.6	13.5
Guilford TCC	6,100	7.4	2.1	9.5	12.6	13.9	14.3	15.4
Halifax CC	1,182	10.9	2.8	13.7	13.7	14.8	15.3	13.9
Haywood CC	723	10.3	3.3	13.6	12.4	11.9	12.1	12.6
Isothermal CC	1,159	6.8	2.4	9.2	9.1	9.4	10.1	11.2
J. Sprunt CC	821	8.0	1.7	9.7	11.3	9.6	10.5	10.3
Johnston CC	1,610	8.9	2.1	11.0	12.6	13.7	14.4	14.2
Lenoir CC	1,822	10.7	2.4	13.1	10.1	10.9	12.9	13.5

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Martin CC	548	9.6	1.8	11.4	10.6	8.9	9.5	11.0
Mayland CC	594	8.6	2.2	10.8	8.9	9.5	11.5	13.4
McDowell TCC	432	5.6	3.8	9.4	9.7	8.1	6.8	5.0
Mitchell CC	1,747	7.4	2.9	10.3	11.3	11.7	12.4	10.4
Montgomery CC	290	4.2	2.1	6.3	7.6	5.5	5.0	10.5
Nash CC	1,088	11.4	5.0	16.4	14.9	13.0	14.0	14.3
Pamlico CC	210	8.6	2.8	11.4	14.0	14.0	10.5	11.2
Piedmont CC	562	7.6	3.0	10.6	10.5	9.2	12.2	11.5
Pitt CC	1,662	16.0	3.8	19.8	17.5	17.6	16.7	23.4
Randolph CC	986	8.6	4.7	13.3	12.8	13.2	13.2	12.7
Richmond CC	975	8.4	4.3	12.7	14.5	14.2	12.5	12.8
Roanoke-Cho. CC	565	10.9	1.2	12.1	11.0	13.1	11.9	11.5
Robeson CC	1,095	9.6	3.9	13.5	17.3	13.5	13.6	15.7
Rockingham CC	1,913	7.7	2.6	10.3	12.8	13.2	12.9	13.2
Rowan-Cab. CC	2,384	8.2	4.0	12.2	12.5	11.7	11.1	10.9
Sampson CC	868	11.0	4.3	15.3	15.7	17.0	17.6	13.7
Sandhills CC	2,049	11.1	1.5	12.6	10.8	11.5	9.7	9.2
Southeastern CC	1,731	7.5	0.6	8.1	9.9	10.3	9.9	10.6
Southwestern CC	868	10.6	2.4	13.0	13.1	13.1	13.1	13.8
Stanly CC	869	9.1	2.1	11.2	12.6	14.7	12.2	12.7
Surry CC	1,414	12.6	3.3	15.9	21.4	19.1	19.8	19.6
Tri-County CC	769	5.5	4.4	9.9	9.5	10.3	9.5	9.5
Vance-Granv. CC	1,382	10.1	2.7	12.8	12.4	14.8	13.3	12.9
Wake TCC	3,259	12.8	2.4	15.2	15.2	15.1	14.6	16.0
Wayne CC	1,911	10.1	1.9	12.0	13.3	13.9	14.9	15.8
W. Piedmont CC	1,191	9.5	2.7	12.2	12.9	13.4	13.7	14.1
Wilkes CC	2,082	7.4	2.3	9.7	10.7	9.4	11.0	11.6
Wilson TCC	836	8.9	3.4	12.3	12.6	11.6	11.1	9.7
TOTAL	95,165	9.6	3.0	12.6	13.1	13.4	13.4	14.0

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

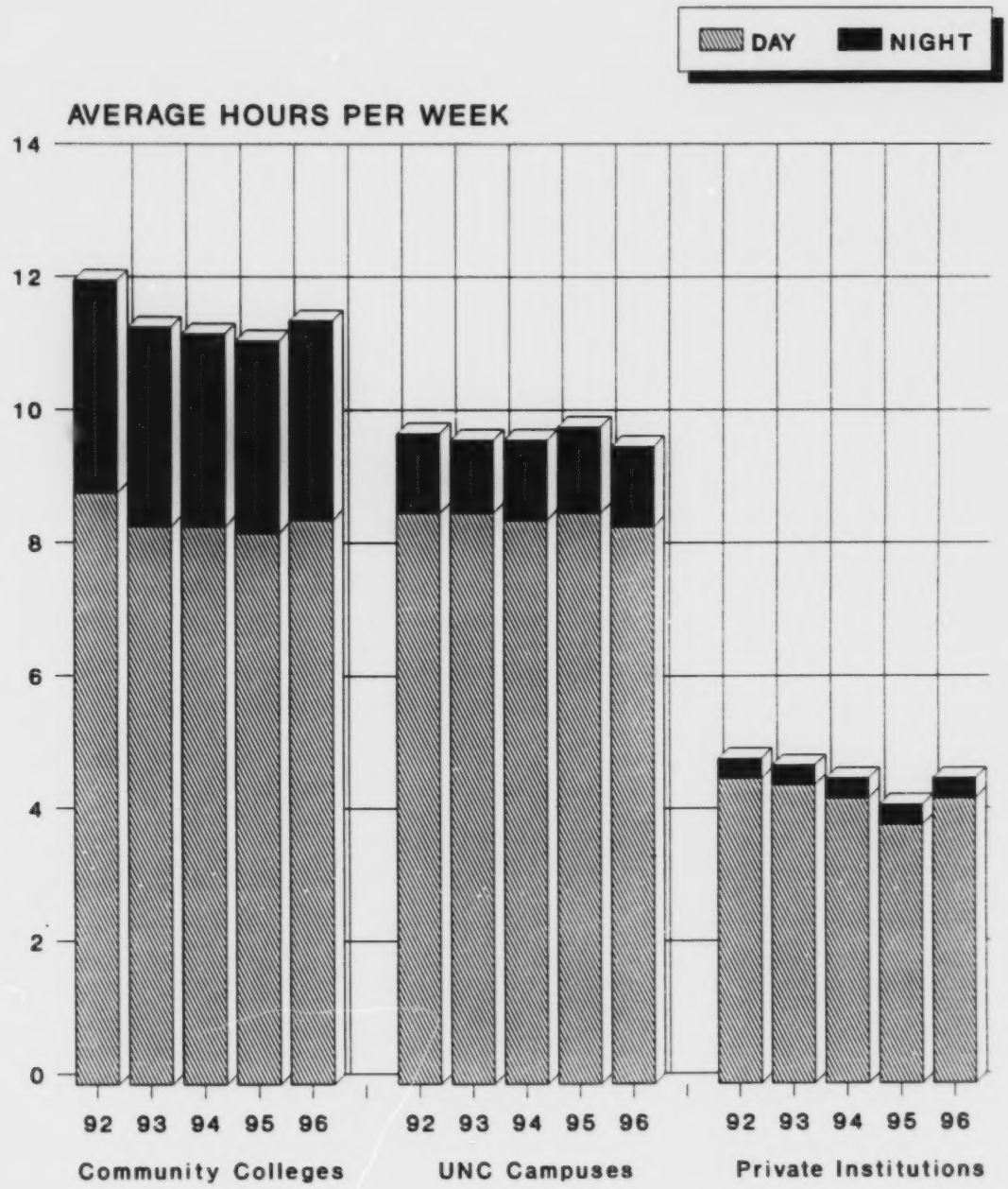
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES



Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Research Universities I:								
NC State	6,280	8.5	0.9	9.4	9.9	11.2	10.9	10.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,543	6.5	1.7	8.2	8.4	8.5	8.5	10.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	8,823	7.9	1.2	9.1	9.4	10.3	10.1	10.5
Doctoral Granting Universities I:								
UNC-Greensboro	1,723	9.3	1.0	10.3	10.3	9.8	9.5	10.6
Comprehensive I Universities:								
Appalachian	2,207	10.7	1.0	11.7	10.7	9.9	10.4	10.7
East Carolina	2,927	11.7	1.6	13.3	12.9	10.6	10.7	11.1
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,244	6.9	1.5	8.4	7.5	7.2	5.8	6.9
NC A & T	2,296	8.6	1.4	10.0	9.1	9.6	10.3	8.8
NC Central	1,443	3.4	0.6	4.0	4.2	3.9	4.5	4.4
UNC-Charlotte	2,515	11.8	2.0	13.8	14.5	14.9	14.3	13.0
UNC-Pembroke	726	4.7	0.1	4.8	4.3	4.0	4.8	4.6
UNC-Wilmington	1,532	9.7	1.3	11.0	16.8	17.3	16.1	16.2
West'n Carolina	1,442	6.8	0.5	7.3	8.0	8.2	7.5	7.8
SUBTOTAL	16,332	9.1	1.3	10.4	10.6	10.1	10.2	10.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	1,116	6.2	1.0	7.2	8.8	7.4	7.6	7.6
UNC-Asheville	883	5.9	0.6	6.5	6.4	6.7	6.0	6.2
Winston-Salem	739	4.6	1.7	6.3	5.1	5.8	5.8	4.8
SUBTOTAL	2,738	5.7	1.0	6.7	7.0	6.7	6.3	6.0

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Specialized Institution:								
NC Sch. of Arts	1,185	6.6	0.7	7.3	7.8	8.6	9.9	9.5
Community Colleges:								
SUBTOTAL	50,834	8.5	3.0	11.5	11.2	11.3	11.4	12.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,560	4.0	0.2	4.2	2.5	4.6	5.4	4.9
Gen. Baccalaureate Colleges:								
SUBTOTAL	15,539	4.4	0.4	4.8	4.5	4.6	4.7	4.9
Junior Colleges:								
SUBTOTAL	418	4.0	0.0	4.0	3.7	4.4	4.6	4.8
GRAND TOTAL	100,152	7.7	1.9	9.6	9.5	9.6	9.6	10.1

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Alamance CC	1,224	8.9	2.8	11.7	14.0	14.3	13.6	14.6
Anson CC	308	10.9	4.3	15.2	14.8	13.6	10.7	11.4
Ashev'le-Bun. TCC	1,287	8.6	3.4	12.0	11.2	11.7	10.7	11.1
Beaufort Co. CC	780	7.9	2.8	10.7	14.4	12.2	12.7	19.6
Bladen CC	352	9.1	3.0	12.1	11.5	10.9	9.7	10.9
Blue Ridge CC	699	4.9	2.7	7.6	7.6	7.5	8.6	12.6
Brunswick CC	315	8.8	2.4	11.2	13.6	10.3	10.0	10.9
Caldwell CC & TI	740	6.3	2.6	8.9	10.5	10.8	12.5	12.3
Cape Fear CC	903	12.3	5.2	17.5	17.9	16.7	18.4	18.6
Carteret CC	618	6.8	2.8	9.6	11.0	10.2	9.1	11.4
Catawba Vy. CC	1,328	9.8	3.9	13.7	14.2	14.2	15.9	15.7
C. Carolina CC	1,394	9.5	2.3	11.8	11.5	10.9	9.2	10.5
C. Piedmont CC	2,840	10.5	3.3	13.8	13.1	15.5	13.9	15.7
Cleveland CC	948	5.8	5.2	11.0	8.2	7.7	8.6	8.4
Coastal Car. CC	1,179	10.5	3.5	14.0	14.9	17.1	15.5	16.3
Col. Albemarle	557	10.8	2.1	12.9	11.4	9.8	9.8	10.1
Craven CC	745	9.6	3.6	13.2	15.6	14.5	17.0	14.9
Davidson Co. CC	937	6.1	1.6	7.7	10.1	9.2	9.1	10.1
Durham TCC	1,046	6.6	3.3	9.9	10.0	9.8	9.5	15.1
Edgecombe CC	655	10.8	3.7	14.5	12.0	11.1	9.9	10.7
Fayettev'le TCC	1,751	8.6	2.0	10.6	10.9	10.5	10.4	9.7
Forsyth TCC	1,708	6.3	3.2	9.5	9.1	9.3	10.9	11.5
Gaston Col.	1,007	6.3	2.2	8.5	8.9	9.1	8.6	10.2
Guilford TCC	2,271	7.3	2.4	9.7	10.1	10.1	10.6	11.6
Halifax CC	552	10.3	2.6	12.9	11.1	13.3	13.7	12.8
Haywood CC	1,129	9.4	2.1	11.5	11.7	11.8	12.8	12.0
Isothermal CC	922	7.4	3.0	10.4	9.7	10.0	9.9	12.2
J. Sprunt CC	453	5.7	1.3	7.0	6.6	11.6	11.6	11.5
Johnston CC	1,042	6.2	1.7	7.9	8.0	8.0	8.0	8.2
Lenoir CC	703	11.2	2.5	13.7	10.5	9.7	12.8	12.4

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1996	1995	1994	1993	1992
Community Colleges:								
Martin CC	764	6.9	1.9	8.8	8.3	7.1	7.4	10.2
Mayland CC	230	7.6	2.7	10.3	10.9	11.7	14.7	15.6
McDowell TCC	573	8.8	6.2	15.0	10.4	11.2	11.5	10.3
Mitchell CC	782	3.9	2.7	6.6	6.1	6.3	6.2	9.0
Montgomery CC	480	10.6	3.9	14.5	14.7	15.5	13.6	12.2
Nash CC	461	12.6	4.8	17.4	15.5	12.5	14.4	11.7
Pamlico CC	134	4.3	3.2	7.5	7.7	8.3	8.5	12.9
Piedmont CC	517	7.5	3.9	11.4	10.1	9.3	12.7	12.0
Pitt CC	961	11.6	2.8	14.4	9.9	10.0	10.0	16.3
Randolph CC	929	9.5	2.5	12.0	10.1	12.6	12.1	11.7
Richmond CC	412	8.0	4.5	12.5	12.5	12.4	11.8	9.1
Roanoke-Cho. CC	373	9.3	2.7	12.0	11.0	13.0	11.8	9.1
Robeson CC	1,011	7.3	3.0	10.3	9.6	9.7	8.6	8.4
Rockingham CC	1,052	6.5	2.4	8.9	12.0	10.7	12.1	10.7
Rowan-Cab. CC	976	6.9	3.2	10.1	10.0	8.9	10.4	11.3
Sampson CC	304	6.9	2.5	9.4	9.6	11.5	11.8	11.0
Sandhills CC	1,006	6.9	1.4	8.3	7.3	9.5	6.6	7.8
Southeastern CC	820	5.5	1.4	6.9	7.1	6.8	7.0	7.5
Southwestern CC	668	10.0	2.3	12.3	10.3	12.7	10.7	10.6
Stanly CC	1,099	5.0	1.3	6.3	7.4	7.6	7.6	7.4
Surry CC	979	13.8	5.1	18.9	17.5	17.9	17.3	18.1
Tri-County CC	316	6.4	4.2	10.6	9.1	7.9	10.1	11.3
Vance-Granv. CC	1,039	9.2	4.1	13.3	13.3	12.6	15.2	16.6
Wake TCC	1,089	15.4	5.3	20.7	19.6	19.3	18.0	18.4
Wayne CC	1,197	9.3	1.8	11.1	12.2	10.9	11.8	12.3
W. Piedmont CC	612	9.4	3.5	12.9	14.1	12.5	13.5	13.4
Wilkes CC	1,000	7.2	1.6	8.8	8.7	8.7	7.4	9.8
Wilson TCC	657	6.9	5.0	11.9	9.6	10.9	11.3	12.6
TOTAL	50,834	8.5	3.0	11.5	11.2	11.3	11.4	12.1

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

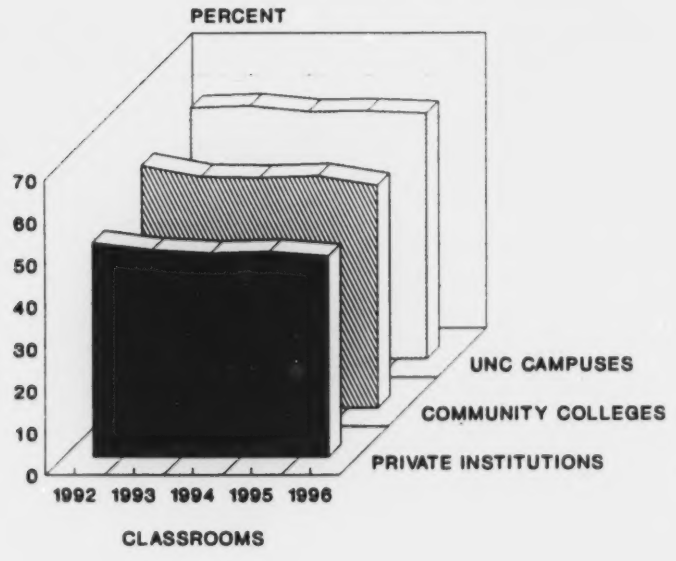
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is usually less than 60%.

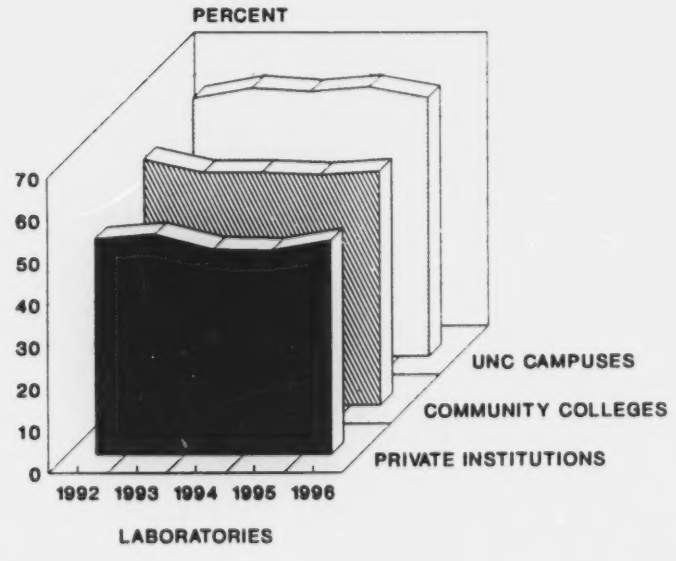
PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) EQUALS

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



CLASSROOMS



LABORATORIES

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992
Research Universities I:										
NC State	60.1	59.6	60.7	62.0	63.2	75.1	78.4	78.3	77.4	75.6
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	59.4	59.8	60.1	59.9	58.3	55.9	61.9	53.0	54.3	59.2
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	59.8	59.7	60.4	61.1	61.0	68.9	73.3	69.5	69.4	69.2
Doctoral Granting Universities I:										
UNC-Greensboro	60.8	62.2	59.1	61.7	61.7	57.3	58.6	56.3	57.9	56.7
Comprehensive I Universities:										
Appalachian	60.1	57.1	58.1	56.1	58.1	58.3	59.7	59.2	59.1	58.5
East Carolina	64.0	63.3	63.1	64.3	62.2	66.2	67.1	70.3	67.3	62.6
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	51.0	48.1	49.1	51.0	46.9	58.6	54.4	51.9	47.2	55.7
NC A & T	59.9	64.7	65.6	74.8	68.1	62.6	67.5	65.3	75.7	61.6
NC Central	49.5	50.5	51.1	54.0	54.2	49.1	52.5	53.6	56.6	58.2
UNC-Charlotte	60.5	63.0	60.2	62.9	62.2	62.3	66.6	62.8	64.4	61.2
UNC-Pembroke	51.0	47.9	51.2	51.0	51.3	64.1	55.9	54.2	61.7	61.0
UNC-Wilmington	58.2	63.2	63.2	66.3	64.7	66.6	65.5	71.1	72.5	68.0
West'n Carolina	53.2	54.6	52.5	52.8	58.6	48.4	49.9	50.0	47.8	43.2
SUBTOTAL	58.4	59.1	58.8	61.0	60.4	61.1	62.8	62.4	63.4	59.4
Comprehensive II and Liberal Arts I Universities:										
Elizabeth City	42.9	43.8	47.3	50.5	46.4	47.1	48.4	45.3	53.8	54.2
UNC-Asheville	47.8	49.3	50.1	50.4	50.8	49.9	56.3	55.6	57.5	53.1
Winston-Salem	44.3	45.5	44.2	45.3	43.8	57.0	73.4	66.9	58.2	49.2
SUBTOTAL	45.2	46.4	47.2	49.2	48.2	50.1	54.3	52.4	56.6	54.1

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992
Specialized Institution:										
NC Sch. of Arts	57.4	57.1	56.0	56.6	57.5	54.9	56.8	63.2	62.7	65.3
Community Colleges:										
SUBTOTAL	52.8	53.5	54.5	54.8	57.4	55.8	54.9	55.5	55.5	58.6
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	52.2	54.6	50.3	52.0	55.0	58.8	51.1	62.0	71.2	66.3
Gen. Baccalaureate Colleges:										
SUBTOTAL	46.0	46.6	47.4	47.7	49.2	50.0	48.1	47.1	49.3	49.6
Junior Colleges:										
SUBTOTAL	56.3	58.7	54.4	57.0	55.6	49.4	62.1	47.9	53.0	48.5
GRAND TOTAL	54.0	54.7	54.9	55.8	56.9	57.0	56.9	57.0	57.5	58.7

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992
Community Colleges:										
Alamance CC	37.3	46.8	42.4	45.2	47.6	47.6	47.8	50.9	50.2	52.4
Anson CC	60.3	64.9	70.4	51.6	50.4	53.6	57.0	55.7	47.9	46.8
Ashev'le-Bun. TCC	56.5	54.3	56.9	57.6	59.1	53.2	52.5	61.0	59.7	57.0
Beaufort Co. CC	53.1	55.2	56.2	55.3	60.0	59.2	61.9	59.7	58.2	71.8
Bladen CC	43.5	43.1	41.6	49.7	49.1	54.4	49.1	49.4	52.6	59.1
Blue Ridge CC	48.7	46.0	47.7	47.5	49.8	55.9	59.4	58.7	48.5	50.0
Brunswick CC	49.5	52.2	54.0	51.4	64.4	57.9	59.9	58.9	56.5	60.0
Caldwell CC & TI	54.4	51.4	48.3	54.3	49.8	61.2	58.5	56.4	58.8	61.6
Cape Fear CC	59.6	64.4	64.0	65.1	70.9	64.5	65.7	64.1	69.1	70.9
Carteret CC	58.1	55.4	59.4	59.5	60.8	52.4	58.0	59.6	53.7	60.9
Catawba Vy. CC	53.7	51.3	57.2	58.6	63.9	57.0	58.7	62.9	68.3	65.5
C. Carolina CC	52.6	59.2	54.1	49.9	56.9	59.7	65.3	61.7	56.2	60.7
C. Piedmont CC	53.6	50.7	55.1	55.7	62.9	44.7	41.5	48.0	42.9	52.5
Cleveland CC	49.6	43.5	46.4	47.7	52.4	57.5	52.7	52.1	57.2	53.8
Coastal Car. CC	65.7	64.7	66.0	59.6	64.1	63.4	66.7	69.0	67.7	69.0
Col. Albemarle	44.1	45.4	48.3	48.3	56.0	57.4	62.5	54.1	52.8	56.0
Craven CC	47.9	54.1	48.3	55.1	54.1	48.5	56.6	51.5	58.1	55.5
Davidson Co. CC	51.7	51.4	51.0	52.8	53.5	45.3	56.0	53.1	55.4	56.7
Durham TCC	53.5	60.7	58.8	52.2	64.3	55.4	55.8	57.3	52.0	64.1
Edgecombe CC	60.7	58.2	65.0	59.2	70.0	62.7	60.9	61.3	59.0	68.8
Fayettev'le TCC	49.7	50.1	53.5	52.2	53.5	57.0	60.4	58.2	59.5	58.8
Forsyth TCC	56.8	57.6	54.6	56.2	58.3	60.3	55.2	61.3	61.3	62.9
Gaston Col.	47.9	50.8	54.5	51.0	51.4	52.3	55.9	57.2	52.9	59.1
Guilford TCC	58.1	54.5	61.5	62.7	67.2	63.4	59.3	63.3	64.5	70.1
Halifax CC	54.9	53.7	51.9	51.6	54.0	53.6	41.6	44.4	45.8	43.6
Haywood CC	54.2	50.1	54.9	54.2	48.7	54.2	52.3	55.5	55.4	59.1
Isothermal CC	49.6	51.3	49.1	56.5	54.5	52.8	52.7	54.0	50.8	57.0
J. Sprunt CC	50.8	61.2	57.7	61.6	57.9	42.7	41.4	49.2	47.8	52.6
Johnston CC	50.5	53.2	54.7	59.7	60.4	53.1	53.4	50.6	53.0	49.6
Lenoir CC	56.4	52.5	59.7	64.4	63.2	66.8	57.6	59.8	60.8	61.4

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992
Community Colleges:										
Martin CC	63.2	61.7	50.8	52.1	62.3	50.0	47.7	39.5	44.3	57.8
Mayland CC	52.1	48.7	50.3	46.9	54.6	52.8	48.3	48.7	55.0	61.9
McDowell TCC	55.0	50.4	38.5	38.6	31.3	61.3	49.7	44.6	48.7	43.7
Mitchell CC	50.2	52.7	49.5	52.4	51.8	50.9	51.3	51.0	45.4	49.7
Montgomery CC	47.3	55.0	45.7	42.5	44.1	63.0	63.8	66.4	56.6	54.9
Nash CC	57.6	51.2	50.4	50.3	54.0	80.3	74.4	67.7	66.5	69.4
Pamlico CC	39.2	43.0	45.6	38.4	40.7	39.9	47.4	50.9	44.2	56.0
Piedmont CC	54.2	58.6	51.3	65.6	68.0	58.1	56.7	45.9	59.2	49.2
Pitt CC	60.7	62.1	60.8	61.6	64.8	67.5	68.5	66.0	70.7	65.7
Randolph CC	62.5	58.5	60.8	62.4	68.9	62.4	63.2	68.2	64.4	64.1
Richmond CC	57.3	59.6	57.0	51.6	56.6	63.3	63.4	65.0	63.2	60.8
Roanoke-Cho. CC	52.5	51.1	57.5	59.0	56.4	53.8	50.5	62.5	57.1	60.1
Robeson CC	52.7	69.5	53.7	56.0	52.9	63.4	60.6	54.8	52.9	45.8
Rockingham CC	53.3	53.6	53.9	52.3	56.3	44.1	48.0	45.9	49.5	45.8
Rowan-Cab. CC	48.3	50.5	49.0	48.3	50.8	50.3	50.8	48.6	53.8	59.5
Sampson CC	49.1	52.1	53.9	59.4	53.3	57.1	48.9	54.0	54.6	49.3
Sandhills CC	50.8	55.6	54.1	57.1	56.1	54.5	54.3	54.9	52.8	59.0
Southeastern CC	45.1	45.9	52.5	52.8	58.2	45.2	53.0	48.0	44.2	57.7
Southwestern CC	54.8	55.9	57.8	59.8	63.5	74.4	70.2	79.4	78.7	87.1
Stanly CC	41.0	45.9	52.0	48.2	48.4	36.9	35.1	36.1	40.2	40.7
Surry CC	60.1	62.6	65.3	65.3	68.8	63.4	65.8	62.7	63.4	65.9
Tri-County CC	42.3	46.3	49.8	46.5	46.8	58.0	63.6	56.5	64.8	74.5
Vance-Granv. CC	51.8	48.7	49.5	53.6	50.8	51.7	49.4	44.2	59.1	67.6
Wake TCC	59.4	59.2	57.3	56.0	54.6	67.8	67.0	66.9	66.5	68.0
Wayne CC	56.0	57.2	56.0	58.5	64.8	63.9	61.3	55.3	64.4	66.6
W. Piedmont CC	51.2	48.8	51.0	52.3	50.4	61.3	60.2	57.6	57.5	63.9
Wilkes CC	38.6	38.2	39.3	42.3	43.7	41.8	43.2	43.9	35.7	43.0
Wilson TCC	48.6	52.8	51.6	53.3	51.9	59.3	52.4	51.6	52.7	61.4
TOTAL	52.8	53.5	54.5	54.8	57.4	55.8	54.9	55.5	55.5	58.6

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on pp. 117-118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	13
Community/Technical Colleges	19
By Level:	
Major Research Universities	14
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	19
All North Carolina Institutions	16

Student Clock Hours of Instruction

Table 8

INSTITUTION	1996			1995			1994		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Research Universities I:									
NC State	272,245.5	59,175.0	23,081.5	271,082.5	60,607.5	21,707.5	274,428.0	60,329.5	17,066.5
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	215,163.0	20,876.0	10,229.5	211,551.0	21,408.5	8,802.0	225,786.0	21,591.0	9,272.5
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	487,408.5	80,051.0	33,311.0	482,633.5	82,016.0	30,509.5	500,214.0	81,920.5	26,339.0
Doctoral Granting Universities I:									
UNC-Greensboro	121,947.0	17,752.5	12,028.5	124,392.5	16,866.5	14,141.0	116,297.5	16,091.0	13,481.0
Comprehensive I Universities:									
Appalachian	136,869.0	25,644.0	5,070.0	139,216.5	25,560.5	4,824.5	136,356.0	22,996.5	6,180.5
East Carolina	172,312.0	39,160.0	11,129.5	172,315.5	38,161.5	10,929.5	183,566.0	37,206.0	10,778.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	40,406.5	10,514.0	1,955.5	37,524.5	9,283.0	2,713.0	40,649.5	8,753.5	2,346.5
NC A & T	85,473.5	22,887.0	109.5	93,205.0	20,920.5	2,239.0	92,292.5	21,704.5	4,971.0
NC Central	53,626.5	5,755.5	7,347.0	57,199.0	5,997.5	5,533.0	60,335.0	5,586.0	5,495.5
UNC-Charlotte	152,857.5	34,778.0	12,933.0	152,091.0	39,421.5	8,306.0	147,180.5	38,791.0	9,824.5
UNC-Pembroke	28,871.5	3,484.0	3,023.0	27,782.0	3,178.0	2,749.5	29,631.5	3,150.5	3,046.5
UNC-Wilmington	101,266.5	16,835.5	11,127.5	92,984.5	16,912.5	9,702.0	90,606.0	17,135.0	9,738.5
West'n Carolina	62,552.0	10,570.5	11,646.0	70,139.0	9,765.0	8,350.5	70,375.0	11,822.5	11,281.5
SUBTOTAL	834,235.0	169,628.5	64,341.0	842,457.0	169,200.0	55,347.0	850,992.0	167,145.5	63,663.0
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	22,279.0	8,035.5	2,896.0	24,641.0	9,824.0	2,182.5	25,301.0	8,202.5	1,799.0
UNC-Asheville	32,448.0	5,787.0	2,507.0	34,337.5	5,823.5	2,501.0	35,186.0	5,696.5	3,199.5
Winston-Salem	28,837.5	4,616.0	4,384.0	29,631.5	3,825.5	4,010.0	30,186.5	4,356.5	3,661.0
SUBTOTAL	83,564.5	18,438.5	9,787.0	88,610.0	19,473.0	8,693.5	90,673.5	18,255.5	8,659.5
Specialized Institution:									
NC Sch. of Arts	8,213.5	8,637.0	3,394.0	8,236.5	8,424.0	2,386.5	8,164.0	9,095.5	2,051.0
Community Colleges:									
SUBTOTAL	1,194,780.0	581,902.0	137,362.0	1,166,773.0	558,908.0	118,563.5	1,176,409.5	559,144.0	126,221.5
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	154,326.0	10,541.0	20,397.5	169,001.0	6,384.0	25,358.0	155,619.5	12,360.5	22,345.5
Gen. Baccalaureate Colleges:									
SUBTOTAL	436,152.5	73,955.5	45,566.0	432,090.5	68,385.0	46,751.5	437,348.5	65,315.0	39,787.5
Junior Colleges:									
SUBTOTAL	8,936.5	1,659.5	340.0	12,794.0	1,862.0	763.0	24,952.0	5,390.0	1,830.0
GRAND TOTAL	3,329,563.5	962,565.5	326,527.0	3,326,988.0	931,518.5	302,513.5	3,360,670.5	934,717.5	304,378.0

Student Clock Hours of Instruction

Table 8

INSTITUTION	1996			1995			1994		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	21,466.5	14,372.0	1,799.5	24,454.0	15,963.0	1,768.5	22,398.5	15,873.0	1,904.5
Anson CC	4,265.5	4,678.0	1,205.0	4,893.0	5,087.0	1,442.0	5,292.5	4,691.0	1,932.0
Asheville-Bun. TCC	41,816.5	15,427.5	6,587.0	38,639.0	14,341.0	3,285.0	37,722.0	14,872.5	6,539.0
Beaufort Co. CC	7,986.0	8,319.5	514.0	8,939.0	9,827.5	24.0	7,707.5	8,810.0	576.0
Bladen CC	6,102.0	4,277.0	84.0	4,655.0	4,975.0	368.0	4,761.5	4,968.0	5.0
Blue Ridge CC	14,046.5	5,316.0	186.5	13,855.0	5,042.0	250.0	13,353.5	5,653.5	232.0
Brunswick CC	10,608.5	3,522.0	545.5	11,653.0	3,862.0	805.5	10,762.5	3,192.0	667.0
Caldwell CC & TI	13,739.0	6,597.0	1,062.0	16,016.0	7,685.0	909.5	14,612.5	7,914.0	3,259.5
Cape Fear CC	31,140.5	15,768.0	1,110.0	28,837.0	15,976.5	1,175.0	29,182.5	14,648.5	950.0
Carteret CC	12,978.0	5,904.0	1,166.5	12,578.5	6,533.5	550.0	13,777.0	5,909.0	416.0
Catawba Vy. CC	25,877.5	18,212.0	5,911.5	24,202.0	18,787.0	6,414.5	28,022.5	18,310.5	6,896.5
C. Carolina CC	29,967.5	16,444.0	3,440.5	28,785.0	13,849.0	2,768.5	25,149.5	13,199.5	1,786.5
C. Piedmont CC	115,702.5	39,033.0	12,734.0	107,655.0	37,903.0	5,095.0	117,993.5	43,561.0	5,186.0
Cleveland CC	13,197.0	10,423.0	6,656.0	10,674.0	8,459.5	703.0	10,757.0	7,984.5	5,823.0
Coastal Car. CC	32,745.5	16,524.0	1,100.5	34,644.0	16,245.5	1,190.0	34,393.5	17,990.0	1,663.0
Col. Albemarle	15,179.0	7,204.5	9,191.5	14,977.0	6,292.5	6,293.5	15,086.0	6,743.5	6,902.5
Craven CC	17,349.0	9,804.5	4,652.0	15,798.0	11,622.0	4,088.0	16,391.0	10,758.5	3,568.0
Davidson Co. CC	21,968.0	7,266.0	3,762.5	20,981.0	9,079.0	1,705.0	21,122.5	8,329.5	4,447.0
Durham TCC	24,880.5	10,392.5	499.0	32,325.0	10,507.5	1,168.5	30,636.5	10,226.5	3,523.0
Edgecombe CC	15,422.5	9,535.0	0.0	11,743.5	7,495.5	55.0	11,719.5	7,049.5	84.0
Fayettev'le TCC	72,446.0	18,433.0	4,791.0	66,003.0	18,739.0	2,961.0	74,361.5	16,697.0	3,086.0
Forsyth TCC	41,587.5	16,215.0	3,992.5	38,722.5	15,584.0	4,336.0	38,926.5	15,295.0	3,626.0
Gaston Col.	28,522.0	8,558.0	1,721.5	28,384.0	8,624.5	1,925.5	30,137.0	10,168.0	2,504.0
Guilford TCC	58,051.5	21,983.5	2,411.5	60,426.0	23,544.0	3,557.5	65,053.0	23,573.0	2,850.0
Halifax CC	16,186.0	7,130.5	622.5	15,477.0	7,154.0	2,185.0	11,955.5	7,602.0	1,885.0
Haywood CC	9,833.5	13,037.0	1,680.5	9,514.5	12,619.5	1,931.0	9,474.0	12,782.0	1,880.0
Isothermal CC	10,647.5	9,652.0	3,953.0	10,368.5	8,842.5	3,593.0	10,671.0	8,845.0	3,501.5
J. Sprunt CC	7,932.5	3,171.0	540.5	9,655.5	3,075.0	637.0	7,698.5	5,368.5	441.5
Johnston CC	17,759.5	8,232.5	1,694.0	17,107.0	8,270.5	1,853.5	18,480.0	8,335.5	117.0
Lenoir CC	23,880.0	9,644.0	3,011.0	18,610.0	8,038.0	5,788.0	19,681.0	7,131.0	4,588.0
Martin CC	6,250.0	6,787.5	3,280.0	5,874.0	6,409.5	3,852.0	5,112.5	5,467.0	2,820.0
Mayland CC	6,431.0	2,355.0	0.0	5,284.5	2,349.0	0.0	5,699.0	2,510.0	0.0
McDowell TCC	4,075.0	8,589.0	2,495.0	4,467.0	5,946.0	2,425.0	3,774.5	6,437.5	1,389.0
Mitchell CC	17,984.5	5,131.5	1,849.0	17,644.0	4,728.0	2,583.0	17,609.5	5,075.0	2,383.0
Montgomery CC	1,844.5	6,951.5	1,276.0	2,132.0	6,458.5	1,271.0	1,578.0	6,649.5	993.0
Nash CC	17,921.0	8,025.5	656.0	16,238.5	5,894.0	2,507.0	14,212.5	5,602.0	512.0
Pamlico CC	2,380.0	1,010.0	33.0	2,949.0	1,030.0	48.0	2,599.0	911.0	102.0
Piedmont CC	5,974.0	5,863.5	266.0	5,892.0	5,203.0	1,391.0	5,182.0	4,387.5	967.0
Pitt CC	32,798.5	13,792.0	4,499.5	29,204.0	9,560.0	1,724.0	29,122.5	9,569.0	1,197.0
Randolph CC	13,054.0	11,109.5	1,585.0	12,248.0	9,482.0	1,168.0	13,345.5	10,511.0	1,345.0
Richmond CC	12,421.0	5,156.0	297.0	14,156.5	5,168.0	1,322.0	14,224.5	5,274.5	360.0
Roanoke-Cho. CC	6,831.0	4,474.0	2,968.0	6,203.5	3,821.5	3,635.5	7,418.5	4,507.5	3,522.5
Robeson CC	14,822.5	10,411.0	2,352.0	16,379.5	9,542.0	928.0	14,376.0	9,916.5	1,334.0
Rockingham CC	19,863.5	9,402.0	409.0	20,571.0	11,066.0	737.0	21,143.0	9,949.5	672.0
Rowan-Cab. CC	29,266.0	9,837.0	882.0	30,478.5	9,498.5	860.0	28,672.5	8,143.5	777.0
Sampson CC	13,236.0	2,837.0	676.0	13,641.5	2,913.5	643.0	15,082.0	3,301.5	1,437.0
Sandhills CC	25,654.5	8,366.0	1,586.0	22,106.0	7,324.5	1,521.0	23,548.5	9,570.5	2,170.5
Southeastern CC	14,075.0	5,609.0	2,385.0	14,712.5	5,486.0	2,934.5	15,491.0	5,247.5	2,229.0
Southwestern CC	11,280.5	8,217.5	7,362.0	11,399.0	6,923.0	2,847.5	11,332.0	8,328.0	3,020.0
Stanly CC	9,750.0	6,941.5	1,365.0	10,905.0	8,039.0	796.0	11,588.5	5,999.5	933.0
Surry CC	22,495.0	18,548.5	2,993.0	22,304.0	13,390.0	4,261.0	18,136.0	13,751.0	4,309.0
Tri-County CC	7,569.5	3,352.0	357.0	7,067.0	3,283.0	617.5	7,863.0	2,861.5	885.0
Vance-Granv. CC	17,660.5	13,820.0	909.0	14,329.5	13,323.0	2,016.0	16,320.5	12,349.0	2,685.0
Wake TCC	49,768.5	22,501.0	2,818.0	50,482.0	21,369.0	2,993.0	50,868.0	21,351.0	2,817.0
Wayne CC	22,931.5	13,271.0	1,286.0	23,492.0	12,514.5	1,108.0	24,400.5	11,047.0	1,317.0
W. Piedmont CC	14,597.0	7,865.0	1,831.0	15,464.5	8,593.5	1,325.5	15,902.5	7,539.0	2,019.0
Wilkes CC	20,257.5	8,774.5	2,842.0	17,596.0	8,731.0	2,232.0	15,320.5	8,735.0	2,070.0
Wilson TCC	10,304.0	7,828.0	1,479.0	10,280.0	6,838.0	1,991.0	9,207.5	7,571.0	1,117.0
TOTAL	1,194,780.0	581,902.0	137,362.0	1,166,773.0	558,908.0	118,563.5	1,176,409.5	559,144.0	126,221.5

TABLE 9:

SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{18}{22.0 \text{ X } .54} = 1.52$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992
Research Universities I:															
NC State	0.72	0.73	0.72	0.74	0.74	4.61	4.44	4.09	4.25	4.29	1.42	1.40	1.33	1.36	1.35
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.99	1.00	0.93	0.98	1.00	4.18	4.07	4.04	4.00	3.24	1.27	1.28	1.20	1.26	1.26
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.84	0.85	0.82	0.84	0.86	4.50	4.34	4.08	4.18	3.94	1.35	1.35	1.28	1.32	1.31
Doctoral Granting Universities I:															
UNC-Greensboro	0.95	0.93	1.01	0.95	0.95	3.92	3.93	4.17	4.33	3.84	1.33	1.29	1.39	1.36	1.34
Comprehensive I Universities:															
Appalachian	1.10	1.12	1.15	1.12	1.13	3.54	3.63	4.00	3.82	3.65	1.49	1.51	1.56	1.51	1.51
East Carolina	0.97	0.97	0.91	0.89	0.98	3.02	3.08	3.69	3.62	3.72	1.35	1.35	1.38	1.35	1.45
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.61	1.72	1.48	1.47	1.55	3.49	3.95	4.09	4.79	4.07	1.99	2.16	1.95	1.92	1.97
NC A & T	1.25	1.18	1.11	1.02	1.08	3.28	3.58	3.39	3.10	3.65	1.68	1.62	1.54	1.41	1.53
NC Central	1.82	1.71	1.64	1.57	1.66	8.41	8.07	8.67	7.51	7.42	2.46	2.31	2.23	2.12	2.22
UNC-Charlotte	0.71	0.61	0.60	0.58	0.58	2.24	2.07	2.07	2.17	2.59	1.00	0.91	0.91	0.87	0.94
UNC-Pembroke	1.64	1.68	1.57	1.54	1.56	6.52	7.15	7.86	6.45	6.85	2.17	2.24	2.18	2.09	2.13
UNC-Wilmington	0.75	0.74	0.69	0.68	0.68	3.84	2.18	2.15	2.32	2.28	1.19	0.96	0.92	0.92	0.91
West'n Carolina	1.41	1.41	1.37	1.29	1.23	5.11	4.31	4.84	5.03	4.79	1.95	1.76	1.87	1.82	1.75
SUBTOTAL	1.09	1.07	1.03	0.98	1.01	3.47	3.27	3.51	3.45	3.56	1.49	1.44	1.44	1.37	1.42
Comprehensive II and Liberal Arts I Universities:															
Elizabeth City	1.87	1.69	1.65	1.52	1.75	5.03	4.12	4.93	4.77	5.05	2.71	2.38	2.45	2.42	2.67
UNC-Asheville	1.29	1.22	1.25	1.35	1.30	5.04	5.13	4.95	5.58	5.27	1.86	1.79	1.76	1.90	1.84
Winston-Salem	1.95	1.92	1.89	2.15	2.21	4.55	5.61	4.93	5.06	5.98	2.31	2.35	2.27	2.50	2.60
SUBTOTAL	1.67	1.59	1.57	1.63	1.68	4.91	4.71	4.93	5.29	5.56	2.26	2.15	2.14	2.22	2.27
Specialized Institution:															
NC Sch. of Arts	2.16	2.06	2.08	2.28	2.34	8.53	8.37	7.75	6.75	7.48	5.43	5.25	5.07	4.89	5.34
Community Colleges:															
SUBTOTAL	1.64	1.56	1.51	1.50	1.43	4.56	4.67	4.68	4.65	4.31	2.60	2.57	2.53	2.53	2.40
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.67	1.53	1.56	1.53	1.26	9.26	14.95	7.77	6.46	7.14	2.16	2.02	2.01	1.92	1.65
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.89	1.88	1.78	1.76	1.71	7.18	7.63	7.45	7.31	6.92	2.65	2.67	2.52	2.50	2.40
Junior Colleges:															
SUBTOTAL	3.79	2.41	2.35	2.02	1.87	10.38	10.62	8.16	7.79	7.62	4.83	3.46	3.38	2.93	2.73
GRAND TOTAL	1.40	1.35	1.31	1.30	1.27	4.66	4.71	4.70	4.67	4.44	2.13	2.09	2.05	2.04	1.98

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992	1996	1995	1994	1993	1992
Community Colleges:															
Alamance CC	1.98	1.18	1.27	1.21	1.10	3.75	3.06	3.02	3.03	2.83	2.69	1.92	2.00	1.93	1.77
Anson CC	1.40	1.40	1.30	2.53	2.00	2.72	3.38	3.66	4.65	3.94	2.09	2.41	2.41	3.80	3.12
Asheville-Bun. TCC	1.60	1.74	1.76	1.80	1.90	5.86	6.28	6.06	7.08	6.40	2.75	2.97	2.98	3.13	3.06
Beaufort Co. CC	2.62	1.80	2.09	2.01	1.47	4.84	3.67	4.49	4.36	3.37	3.75	2.78	3.37	3.26	2.34
Bladen CC	1.86	2.07	1.86	1.77	1.84	5.71	5.25	5.34	5.99	5.74	3.45	3.71	3.64	3.76	3.82
Blue Ridge CC	2.47	2.45	2.54	2.26	1.53	12.97	13.31	12.78	11.12	5.20	5.36	5.35	5.58	5.15	2.83
Brunswick CC	1.56	1.47	1.52	1.40	1.78	5.39	4.33	5.67	6.05	5.90	2.51	2.18	2.47	2.44	2.90
Caldwell CC & TI	2.15	1.84	1.69	1.55	1.72	7.98	6.85	6.50	5.62	6.00	4.04	3.46	3.38	3.03	3.40
Cape Fear CC	1.10	1.46	0.90	0.92	0.90	3.23	3.16	3.40	3.10	3.12	1.82	2.07	1.74	1.71	1.76
Carteret CC	1.35	1.35	1.27	1.14	1.17	4.23	3.82	4.14	4.59	3.81	2.25	2.20	2.13	2.10	2.05
Catawba Vy. CC	1.55	1.62	1.46	1.19	1.13	4.29	4.16	4.16	3.85	3.77	2.68	2.73	2.53	2.26	2.12
C. Carolina CC	1.45	1.24	1.37	1.65	1.38	3.71	4.03	4.34	5.13	4.67	2.25	2.15	2.39	2.90	2.51
C. Piedmont CC	1.19	1.16	1.08	1.03	1.03	4.06	4.17	3.55	3.58	3.15	1.91	1.95	1.74	1.75	1.71
Cleveland CC	1.55	1.78	1.71	1.82	1.81	3.74	4.92	5.29	4.87	4.83	2.52	3.17	3.23	3.17	3.16
Coastal Car. CC	1.42	1.11	1.08	1.16	1.09	3.46	3.48	3.21	3.56	3.57	2.10	1.87	1.81	1.96	1.88
Col. Albemarle	1.36	1.44	1.39	1.35	1.09	3.95	4.69	5.07	4.82	4.55	2.20	2.40	2.53	2.47	2.18
Craven CC	1.69	1.81	1.70	1.52	1.55	2.77	2.33	2.52	2.14	2.31	2.08	2.03	2.02	1.79	1.87
Davidson Co. CC	1.90	1.96	1.95	1.30	1.30	5.44	4.31	5.04	5.24	4.75	2.78	2.67	2.82	2.38	2.31
Durham TCC	1.85	1.42	1.48	1.81	0.96	5.39	5.33	5.48	5.52	3.54	2.89	2.38	2.48	2.93	1.73
Edgecombe CC	1.89	1.88	1.82	1.96	1.71	3.75	4.63	5.05	5.67	4.28	2.60	2.95	3.04	3.29	2.62
Fayettev'le TCC	1.34	1.46	1.30	1.47	1.37	4.33	4.18	4.42	4.54	4.87	1.95	2.06	1.87	2.08	2.03
Forsyth TCC	1.72	1.84	1.90	1.93	2.14	6.33	6.54	6.70	5.55	5.46	3.01	3.19	3.25	3.12	3.30
Gaston Col.	1.72	1.68	1.33	1.52	1.41	6.38	6.15	5.69	6.24	5.01	2.79	2.72	2.43	2.78	2.49
Guilford TCC	2.26	1.60	1.45	1.38	1.27	6.29	5.78	5.78	5.59	5.11	3.37	2.77	2.61	2.59	2.37
Halifax CC	1.70	1.56	1.32	1.27	1.40	4.29	4.02	3.23	3.13	3.57	2.49	2.34	2.06	1.97	2.24
Haywood CC	1.68	1.79	1.86	1.78	1.49	4.77	4.77	4.76	4.39	4.77	3.44	3.49	3.52	3.35	3.33
Isothermal CC	2.31	2.37	2.30	2.14	1.94	4.65	5.08	4.93	5.05	4.14	3.42	3.62	3.49	3.39	2.94
J. Sprunt CC	2.36	2.15	2.61	2.24	2.22	6.41	7.28	4.17	4.90	4.91	3.52	3.39	3.25	3.34	3.33
Johnston CC	1.46	1.29	1.19	1.14	1.15	5.19	5.17	5.13	5.13	5.02	2.64	2.55	2.42	2.34	2.34
Lenoir CC	1.80	2.21	2.06	1.66	1.62	3.63	4.80	5.33	3.61	3.86	2.32	3.00	2.93	2.22	2.24
Martin CC	2.17	1.91	2.26	2.12	1.84	5.72	6.89	8.08	7.69	5.74	4.02	4.51	5.27	4.96	3.98
Mayland CC	2.17	2.64	2.50	1.91	1.67	5.30	5.13	4.80	3.81	3.59	3.01	3.41	3.20	2.56	2.30
McDowell TCC	2.16	2.15	2.54	2.65	3.55	3.30	4.77	4.40	4.16	4.67	2.93	3.64	3.72	3.49	4.22
Mitchell CC	2.11	1.95	1.92	1.81	1.90	7.17	7.44	8.02	8.07	5.07	3.23	3.11	3.28	3.09	2.97
Montgomery CC	3.32	2.65	3.84	4.11	2.15	3.51	3.63	3.46	4.38	4.91	3.47	3.39	3.54	4.31	3.74
Nash CC	1.43	1.46	1.67	1.56	1.53	3.62	3.76	5.60	4.89	5.77	2.11	2.08	2.78	2.53	2.69
Pamlico CC	2.21	1.79	1.63	2.23	2.05	7.77	7.62	10.29	10.04	6.28	3.87	3.29	3.87	4.81	3.76
Piedmont CC	2.16	2.19	2.51	1.88	2.24	5.02	5.66	5.94	4.35	4.54	3.57	3.81	4.08	3.03	3.27
Pitt CC	1.01	1.14	1.16	1.21	0.78	3.75	5.41	5.41	5.54	3.22	1.82	2.19	2.21	2.26	1.56
Randolph CC	2.22	2.29	2.23	2.22	2.29	5.56	6.51	5.14	5.36	5.56	3.76	4.08	3.51	3.55	3.67
Richmond CC	1.55	1.36	1.40	1.60	1.52	5.55	5.53	5.53	5.81	7.45	2.72	2.47	2.52	2.80	3.18
Roanoke-Cho. CC	1.65	1.84	1.54	1.68	1.76	4.33	4.56	3.87	4.19	5.48	2.71	2.88	2.42	2.60	3.08
Robeson CC	1.59	1.24	1.59	1.59	1.38	3.70	4.04	3.95	4.45	4.66	2.46	2.20	2.56	2.67	2.52
Rockingham CC	1.97	1.62	1.57	1.61	1.56	5.93	4.72	5.25	4.55	5.47	3.24	2.70	2.75	2.59	2.79
Rowan-Cab. CC	1.53	1.48	1.56	1.65	1.67	4.79	4.98	5.81	5.00	4.55	2.35	2.31	2.50	2.48	2.43
Sampson CC	1.40	1.36	1.27	1.08	1.25	6.87	6.69	5.68	4.75	4.14	2.36	2.29	2.07	1.97	2.36
Sandhills CC	1.43	1.66	1.56	1.83	1.92	5.26	6.01	4.60	6.58	5.89	2.37	2.74	2.44	3.01	3.03
Southeastern CC	2.03	1.73	1.69	1.77	1.66	5.37	4.83	5.05	5.18	4.92	2.98	2.57	2.54	2.60	2.44
Southwestern CC	2.00	1.98	2.00	1.99	1.88	4.33	5.14	4.28	4.75	4.85	2.99	3.18	2.96	3.00	2.91
Stanly CC	1.63	1.46	1.17	1.42	1.38	4.85	4.19	4.30	4.30	4.46	2.97	2.62	2.24	2.53	2.50
Surry CC	1.46	0.97	1.14	1.11	1.12	2.57	2.78	2.70	2.80	2.67	1.96	1.65	1.82	1.81	1.77
Tri-County CC	2.91	2.42	2.21	2.39	2.40	6.45	7.21	8.28	6.53	5.82	4.00	3.94	3.83	3.77	3.63
Vance-Granv. CC	1.83	1.83	1.45	1.55	1.60	3.25	3.29	3.51	2.92	2.75	2.45	2.53	2.34	2.19	2.18
Wake TCC	1.31	1.31	1.31	1.35	1.22	2.80	2.95	2.95	3.21	3.26	1.77	1.80	1.80	1.87	1.77
Wayne CC	1.66	1.40	1.35	1.24	1.17	4.42	4.22	4.72	4.39	4.24	2.67	2.38	2.40	2.24	2.13
W. Piedmont CC	1.77	1.67	1.62	1.57	1.53	3.82	3.50	3.98	3.66	3.75	2.49	2.32	2.38	2.27	2.26
Wilkes CC	1.77	1.64	1.88	1.58	1.55	5.30	5.33	5.33	6.36	5.19	2.83	2.86	3.13	2.98	2.74
Wilson TCC	1.89	1.90	2.02	2.12	2.67	5.22	5.97	5.45	5.28	4.52	3.33	3.53	3.57	3.61	3.72
TOTAL	1.64	1.56	1.51	1.50	1.43	4.56	4.67	4.68	4.65	4.31	2.60	2.57	2.53	2.53	2.40

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	32.4	28.5	25.0	60.1	59.8	59.4	0.99	0.84	0.72
Doctoral Granting Universities I:*	29.1	29.1	29.1	60.8	60.8	60.8	0.95	0.95	0.95
Comprehensive I Universities:	34.9	24.2	15.4	64.0	58.4	49.5	1.82	1.09	0.71
Comp. II and Lib. Arts I Univ.:	27.9	20.5	17.0	47.8	45.2	42.9	1.95	1.67	1.29
Specialized Institution:*	15.9	15.9	15.9	57.4	57.4	57.4	2.16	2.16	2.16
Community Colleges:	35.0	22.6	13.0	65.7	52.8	37.3	3.32	1.64	1.01
PRIVATE INSTITUTIONS									
Major Research Universities:	16.6	16.4	16.2	53.0	52.2	50.8	1.73	1.67	1.64
Gen. Baccalaureate Colleges:	25.0	17.5	11.4	58.7	46.0	27.9	3.22	1.89	0.91
Junior Colleges:	13.4	8.8	4.7	62.8	56.3	54.3	6.98	3.79	2.68
STATE RANGE	35.0	22.0	4.7	65.7	54.0	27.9	6.98	1.40	0.71
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Table 10

Range of Selected Space Utilization Indices for Class Laboratories

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	13.3	11.3	10.8	75.1	68.9	55.9	4.61	4.50	4.18
Doctoral Granting Universities I:*	14.7	14.7	14.7	57.3	57.3	57.3	3.92	3.92	3.92
Comprehensive I Universities:	19.2	14.1	7.0	66.6	61.1	48.4	8.41	3.47	2.24
Comp. II and Lib. Arts I Univ.:	12.7	11.2	9.6	57.0	50.1	47.1	5.04	4.91	4.55
Specialized Institution:*	11.7	11.7	11.7	54.9	54.9	54.9	8.53	8.53	8.53
Community Colleges:	28.6	19.0	11.3	80.3	55.8	36.9	12.97	4.56	2.57
PRIVATE INSTITUTIONS									
Major Research Universities:	5.1	4.7	4.0	59.7	58.8	58.4	12.15	9.26	7.96
Gen. Baccalaureate Colleges:	25.5	8.1	3.7	71.9	50.0	13.4	27.94	7.18	3.23
Junior Colleges:	8.9	6.4	4.4	49.6	49.4	49.3	14.31	10.38	8.36
STATE RANGE	28.6	15.1	3.7	80.3	57.0	13.4	27.94	4.66	2.24
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:

SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals, published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments until updated criteria can be developed from a new national survey of higher education facilities. To this end, a national work group has recently developed an updated edition of the national facilities manual (Postsecondary Education Facilities Inventory and Classification Manual, NCES, 1992). Essential parts of this manual have been incorporated into the 1993 North Carolina Facilities Inventory and Utilization Manual (Fifth Edition).

Space Criteria

Table 11

CLASSROOMS:

	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:

	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55%-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business & Management	20-30 ASF
Automotive Tech	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Study Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Table 11

LIBRARIES (Continued)

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microfilm and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

Personnel Category ASF/Station	Academic Departments		Nonacademic Departments	
	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy
Administrator -President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Table 11

OFFICES: (Continued)

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Conference Room Assignable Square Feet Per Station

Stations	Assignable Square Feet Per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, recreational, separate study space, and other support areas are not included.

TABLE 12:

ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE student is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of 1/2 FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of 1/2 FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The Department of Community Colleges reports FTE based on its official "class membership" (contact) hour formula for calculation. Sixteen class membership hours per week for 11 weeks equates to one fall quarter FTE. FTE fractions are thus based on a division of total class membership hours (contact hours per week times eleven weeks) by (16 x 11) or 176.

For the community colleges, Table 12 lists only on-campus credit enrollments for 1992-1996. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1996, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions of the Community College System. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

Because of the discontinuation of the Early National Estimates Survey, which was conducted annually by the National Center for Education Statistics (NCES), detailed data for higher education headcount enrollments at the national level are no longer available. In 1992, a projection study was completed by the same organization which presents an estimate map of these statistics for the years 1991 through 2003, using enrollment data and demographic studies from the years 1978 to 1991.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 1978 and 1983, higher education enrollment increased from 11.3 million to 12.5 million, a growth of 11 percent. In 1984 and 1985, enrollment dropped to 12.2 million. It then increased from 12.5 million in 1986 to an estimated 14.2 million in 1991, an increase of 13 percent over the period. This enrollment is expected to increase to 16.1 million by the year 2003, an increase of 14 percent from 1991.

Enrollments by Sex of Student

Women are expected to be the majority of college students over the projection period. Enrollment of women increased from 5.6 million in 1978 to 7.8 million in 1991 (38 percent). This number is projected to increase to 8.7 million by the year 2003, or an additional 13 percent. Enrollment of men fluctuated between 5.6 million and 6.2 million between 1978 and 1990, and was estimated at 6.4 million in 1991. This number is expected to increase to 7.4 million by 2003, a growth of 15 percent over the period. The projection for 2003 is therefore a 54 to 46 percent majority of women.

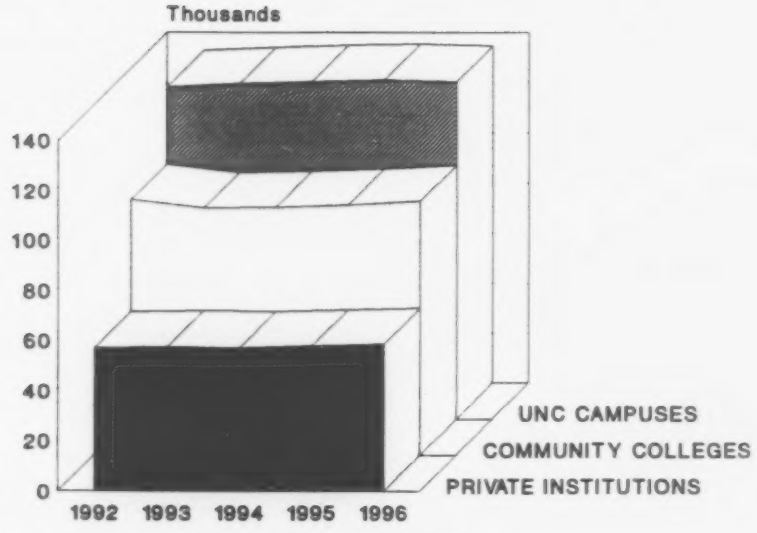
Enrollments in Public and Private Institutions

From 1978 to 1991, public institution enrollment increased 26 percent, from 8.8 million to 11.0 million. This figure is expected to increase by another 14 percent to 12.6 million by the year 2003. Enrollment in private institutions grew from 2.5 million in 1978 to 3.1 million in 1991, an increase of 26 percent. Private enrollment is projected to reach a high of 3.6 million by 2003, which is an additional 14 percent growth.

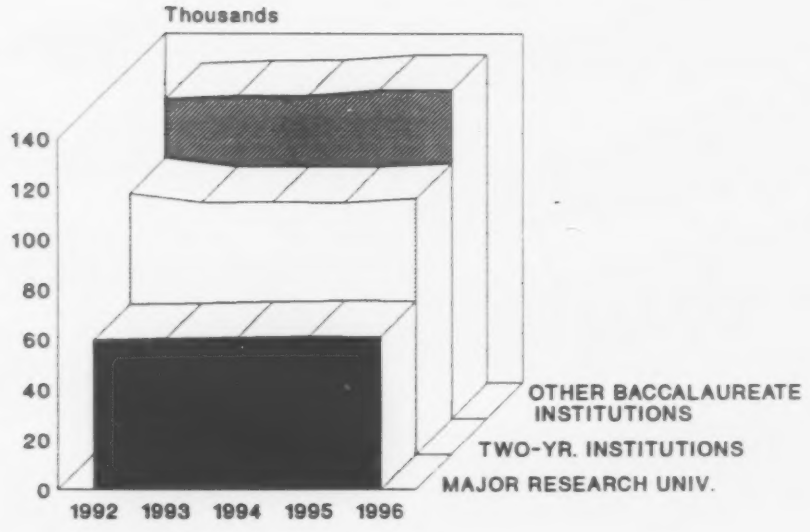
North Carolina institutions experienced a headcount enrollment increase of less than one percent in 1996. Public institutions showed only a 0.2 percent increase while private enrollments showed a 2.7 percent increase. Enrollments for women increased by 1.4 percent; the increase for men was only one tenth of one percent. North Carolina's 1996 part-time enrollment decreased by 0.5 % while the state's full-time enrollment increased by 1.3%.

*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2003*; U.S. Department of Education, National Center for Education Statistics, 1992.

FTE ENROLLMENTS



BY INSTITUTIONAL CONTROL



BY INSTITUTIONAL LEVEL

Table 12

FTE Enrollments Summary

INSTITUTION	1996	1995	1994	1993	1992
Research Universities I:	44,066	44,515	44,448	43,980	43,434
Doctoral Granting Universities I:	10,631	10,904	10,279	10,386	10,485
Comprehensive I Universities:	72,472	72,445	72,424	72,136	71,520
Comp. II and Lib. Arts I Univ.:	6,894	6,988	7,096	7,022	6,863
Specialized Institution:	723	665	632	589	487
Community Colleges:	101,565	100,021	99,102	98,730	102,034
		PRIVATE INSTITUTIONS			
Major Research Universities:	17,138	16,920	16,558	16,427	16,441
Gen. Baccalaureate Colleges:	41,018	40,547	38,990	39,124	38,595
Junior Colleges:	647	683	1,716	1,977	2,060
GRAND TOTAL	295,154	293,688	291,245	290,371	291,919

Table 12

FTE Enrollments
Institutional

INSTITUTION	1996	1995	1994	1993	1992
Research Univ. I:					
NC State	22,348	22,461	22,440	22,182	21,950
NC State Vet.	293	284	283	281	283
UNC-Chapel Hill	18,016	18,365	18,336	18,135	17,748
UNC-Health Aff.	3,409	3,405	3,389	3,382	3,453
SUBTOTAL	44,066	44,515	44,448	43,980	43,434
Doctoral Granting Univ. I:					
UNC-Greensboro	10,631	10,904	10,279	10,386	10,485
Comprehensive I Univ.:					
Appalachian	11,371	11,428	11,274	11,100	11,116
East Carolina	14,443	14,414	14,878	15,114	15,277
ECU-Health Aff.	1,566	1,586	1,224	1,148	1,097
Fayetteville	3,435	3,428	3,498	3,484	3,384
NC A & T	6,928	7,227	7,365	7,245	6,905
NC Central	4,694	4,729	4,963	4,960	4,917
UNC-Charlotte	13,176	13,315	12,967	13,180	13,039
UNC-Pembroke	2,585	2,562	2,592	2,618	2,610
UNC-Wilmington	8,265	7,757	7,607	7,443	7,179
West'n Carolina	6,009	5,999	6,056	5,844	5,996
SUBTOTAL	72,472	72,445	72,424	72,136	71,520
Comp. II and Lib. Arts I Univ.:					
Elizabeth City	1,826	1,890	2,010	2,052	1,931
UNC-Asheville	2,609	2,653	2,600	2,533	2,619
Winston-Salem	2,459	2,445	2,486	2,437	2,313
SUBTOTAL	6,894	6,988	7,096	7,022	6,863
Specialized Inst.:					
NC Sch. of Arts	723	665	632	589	487

FTE Enrollments
Institutional

Table 12

INSTITUTION	1996*	1995	1994	1993	1992
Community Colleges:					
Alamance CC	2,156 (2,232)	2,229	2,212	2,192	2,333
Anson CC	525 (913)	562	554	366	346
Ashev'le-Bun. TCC	2,689 (2,995)	2,577	2,774	2,833	2,828
Beaufort Co. CC	1,029 (1,090)	1,072	1,029	964	1,003
Bladen CC	612 (740)	559	592	601	627
Blue Ridge CC	1,135 (1,159)	1,146	1,225	1,119	1,206
Brunswick CC	634 (691)	721	718	738	733
Caldwell CC & TI	1,840 (2,427)	1,454	1,306	1,506	1,437
Cape Fear CC	2,763 (2,995)	2,694	2,616	2,712	2,665
Carteret CC	990 (1,102)	1,107	1,120	1,091	1,217
Catawba Vy. CC	2,166 (2,439)	2,210	2,164	2,314	2,518
C. Carolina CC	2,208 (2,829)	1,770	1,665	1,755	1,725
C. Piedmont CC	7,943 (9,198)	8,620	8,960	9,534	9,408
Cleveland CC	1,202 (1,522)	983	958	882	957
Coastal Car. CC	2,560 (2,801)	2,726	2,725	2,816	2,766
Col. Albemarle	1,665 (1,685)	1,495	1,515	1,511	1,571
Craven CC	1,494 (1,734)	1,918	1,488	1,463	1,509
Davidson Co. CC	1,811 (1,894)	1,799	1,718	1,733	1,850
Durham TCC	2,634 (2,844)	2,821	2,847	2,769	2,926
Edgecombe CC	1,385 (1,621)	1,204	1,205	1,159	1,322
Fayettev'le TCC	4,997 (5,799)	4,861	4,812	4,743	4,951
Forsyth TCC	3,288 (3,351)	3,151	3,100	3,122	3,213
Gaston Col.	2,884 (3,081)	2,663	2,999	2,917	2,970
Guilford TCC	5,076 (5,255)	4,957	5,051	5,182	5,517
Halifax CC	1,054 (1,213)	1,124	1,058	1,118	1,139
Haywood CC	1,234 (1,264)	1,187	1,200	1,228	1,232
Isothermal CC	1,208 (1,307)	1,274	1,203	1,292	1,452
J. Sprunt CC	738 (839)	757	822	826	845
Johnston CC	1,595 (2,470)	1,689	1,816	1,754	1,776
Lenoir CC	1,699 (1,850)	1,712	1,655	1,613	1,736

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1996*		1995	1994	1993	1992
Community Colleges:						
Martin CC	644	(647)	616	628	622	757
Mayland CC	582	(701)	470	580	653	603
McDowell TCC	849	(928)	719	626	579	564
Mitchell CC	1,237	(1,293)	1,223	1,186	1,172	1,230
Montgomery CC	572	(595)	527	517	376	377
Nash CC	1,180	(1,286)	1,112	1,090	1,086	1,169
Pamlico CC	143	(145)	174	166	127	142
Piedmont CC	796	(1,016)	576	547	695	592
Pitt CC	2,811	(3,460)	2,769	2,765	1,808	2,403
Randolph CC	1,247	(1,274)	1,151	1,262	1,272	1,345
Richmond CC	887	(922)	914	960	872	947
Roanoke-Cho. CC	703	(716)	681	732	740	730
Robeson CC	1,344	(1,479)	1,294	1,235	1,210	1,373
Rockingham CC	1,489	(1,489)	1,539	1,597	1,613	1,591
Rowan-Cab. CC	2,450	(2,564)	2,416	1,423	1,497	1,418
Sampson CC	819	(873)	767	834	922	867
Sandhills CC	2,268	(2,374)	2,267	2,335	2,423	2,371
Southeastern CC	1,376	(1,577)	1,342	1,408	1,453	1,603
Southwestern CC	1,231	(1,505)	1,022	1,079	1,044	1,083
Stanly CC	1,073	(1,263)	1,026	933	933	853
Surry CC	2,141	(2,196)	2,039	1,911	1,902	1,985
Tri-County CC	569	(610)	541	590	529	593
Vance-Granv. CC	1,438	(2,177)	1,379	1,475	1,474	1,450
Wake TCC	4,250	(5,034)	4,330	4,218	3,994	3,869
Wayne CC	1,981	(2,276)	1,974	1,991	2,014	2,124
W. Piedmont CC	1,650	(1,840)	1,727	1,660	1,670	1,830
Wilkes CC	1,614	(1,746)	1,348	1,278	1,275	1,406
Wilson TCC	1,007	(1,111)	1,036	969	922	981
TOTAL	101,565	(114,437)	100,021	99,102	98,730	102,034

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1996	1995	1994	1993	1992
			PRIVATE INSTITUTIONS		
Major Research Universities:					
Duke	10,666	10,573	10,305	10,364	10,304
Duke Med. Ctr.	714	706	748	725	731
Wake Forest	5,309	5,204	5,059	4,842	4,973
Bowman Gray	449	437	446	496	433
SUBTOTAL	17,138	16,920	16,558	16,427	16,441
Gen. Baccalaureate Colleges:					
Barber Scotia	437	430	425	726	704
Barton	1,116	1,205	1,224	1,342	1,378
Belmont Abbey	792	712	786	792	899
Bennett	547	611	646	655	627
Brevard	624	630	638	707	708
Campbell	3,055	2,912	2,888	2,884	2,785
Catawba	1,133	1,069	1,002	952	932
Chowan	736	762	794	787	632
Davidson	1,613	1,615	1,608	1,602	1,548
Elon	3,424	3,287	3,269	3,078	3,016
Gardner-Webb	2,284	2,097	1,927	1,932	1,794
Greensboro	890	879	859	780	816
Guilford	1,300	1,369	1,457	1,533	1,534
High Point	2,394	2,337	2,261	2,245	2,165
Johnson C. Smith	1,385	1,356	1,351	1,353	1,251
Lees-McRae	439	467	497	637	738
Lenoir-Rhyne	1,437	1,436	1,286	1,306	1,390
Livingstone	706	731	816	673	651

Table 12

FTE Enrollments
Institutional

INSTITUTION	1996	1995	1994	1993	1992
Gen. Baccalaureate (Continued)					
Mars Hill	1,188	1,162	1,188	1,184	1,223
Meredith	2,137	2,101	2,021	2,025	1,986
Methodist	1,579	1,685	1,713	1,533	1,290
Montreat	361	353	306	325	305
Mt. Olive	801	700	602	590	629
N.C. Wesleyan	714	672	716	752	737
Peace	447	409	405	436	449
Pfeiffer	1,213	970	850	819	786
Piedmont Bible	223	237	261	262	264
Queens	1,168	1,174	1,122	1,120	1,114
St. Andrews Presby.	545	587	599	611	637
St. Augustine's	1,530	1,481	1,562	1,679	1,840
Salem	745	759	721	666	626
Shaw	2,191	2,418	2,350	2,433	2,425
Warren Wilson	682	672	609	537	553
Wingate	1,182	1,262	1,274	1,311	1,320
SUBTOTAL	41,018	40,547	40,033	40,267	39,752
Junior Colleges:					
Louisburg	471	514	484	568	646
St. Mary's	176	169	189	266	257
SUBTOTAL	647	683	673	834	903
TOTAL	58,803	58,150	57,264	57,528	57,096

Cleon F. Thompson Student Services Building, Winston-Salem State University

WSSU's new 114,000-square-foot Thompson Student Services Building combines in one center several student service areas which were previously scattered around the campus. The new $16 million building encompasses nine administrative offices, the Student Government Association's offices, a student dining room, faculty/staff dining room, and other service offices in one location. In addition, students will no longer have to trek across campus to visit the post office, bookstore, or Financial Aid office.

The new facility also provides ample space for student study and leisure as well as a modern foodcourt. For faculty, student, and community-based activities, a 450-seat multi-purpose room, with movable partitions, is housed on the second floor. Nine conference rooms are located throughout the building.

Interior Space Characteristics

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Instruction, Research and Public Service Subprograms 93
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TABLE 13:

NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its building service, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (their gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), N.C. State University (779,148 sq. ft.), UNC at Chapel Hill-Health Affairs (1,033,155 sq. ft.), UNC at Chapel Hill-Academic Affairs (186,450 sq. ft.), UNC at Charlotte (509,295), UNC at Greensboro (291,274). There are nine parking decks at the private major research universities, representing a total gross area of 3,498,099 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. UNC-Asheville's dining hall also houses 38,654 gross square feet of parking deck space. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (65.8%), N.C. State University (68.1%), UNC at Chapel Hill-Health Affairs (58.1%), UNC at Chapel Hill Academic Affairs (65.8%), UNC at Charlotte (66.0%), UNC at Greensboro (63.6%), private major research universities (61.5%), Appalachian State University (67.6%), UNC at Asheville (65.8%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $99 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .626. This means that new construction costs are approximately $158 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$99}{.626} = \$158$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $158 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1996	1995	1994	1993	1992
Research Universities I:							
NC State*	9,544,130	5,972,252	62.6	62.7	59.2	58.7	58.8
NC State Vet.	408,932	264,207	64.6	64.6	60.2	59.9	59.9
UNC-Chapel Hill*	7,611,691	4,886,559	64.2	65.7	65.8	66.0	65.8
UNC-Health Aff.*	3,778,262	1,595,656	42.2	41.9	41.6	41.2	40.8
SUBTOTAL	21,343,015	12,718,674	59.6	60.2	58.6	58.3	58.2
Doctoral Granting Universities I:							
UNC-Greensboro*	3,329,361	1,931,604	58.0	57.8	57.9	63.7	63.8
Comprehensive I Universities:							
Appalachian*	3,156,377	2,129,772	67.5	69.6	68.8	68.7	68.8
East Carolina	3,490,085	2,446,049	70.1	70.4	70.6	71.2	71.1
ECU-Health Aff.	816,754	539,027	66.0	65.2	64.9	67.3	67.3
Fayetteville	1,020,652	670,423	65.7	65.7	66.3	65.6	65.6
NC A & T	2,259,106	1,576,155	69.8	69.5	69.5	69.5	69.5
NC Central	1,557,665	1,018,993	65.4	65.4	65.5	65.5	65.4
UNC-Charlotte*	3,216,159	1,785,431	55.5	55.8	55.6	55.6	56.1
UNC-Pembroke	736,913	501,118	68.0	68.0	69.0	69.0	68.9
UNC-Wilmington	1,605,925	1,085,732	67.6	68.4	68.4	69.3	69.1
West'n Carolina	2,357,994	1,600,526	67.9	68.2	68.3	68.1	68.3
SUBTOTAL	20,217,630	13,353,226	66.0	66.5	66.5	66.6	66.6
Comp. II and Lib. Arts I Univ.:							
Elizabeth City	842,917	588,941	69.9	69.9	69.9	69.9	69.9
UNC-Asheville*	857,421	538,756	62.8	62.7	66.0	66.4	66.4
Winston-Salem	1,080,734	706,810	65.4	66.3	66.7	66.8	66.8
SUBTOTAL	2,781,072	1,834,507	66.0	66.3	67.5	68.0	68.0

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1996	1995	1994	1993	1992
Specialized Institution:							
NC Sch. of Arts	625,956	426,202	68.1	67.5	67.5	67.5	68.5
Teaching Hospitals:							
UNC Hosp. at C.H.	1,599,849	912,145	57.0	57.1	57.5	56.9	56.9
Community Colleges:							
SUBTOTAL*	14,656,160	10,041,764	68.5	68.8	68.7	68.8	68.7
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	18,669,974	9,337,097	50.0	51.6	54.5	56.9	56.8
Gen. Baccalaureate Colleges:							
SUBTOTAL	18,143,817	12,837,575	70.8	70.8	70.8	70.9	71.0
Junior Colleges:							
SUBTOTAL	708,918	479,477	67.6	67.6	70.4	70.4	70.4
GRAND TOTAL	102,075,752	63,872,271	62.6	63.2	63.7	64.4	64.4

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1996	1995	1994	1993	1992
Community Colleges:							
Alamance CC	262,614	178,920	68.1	69.6	69.5	68.9	68.9
Anson CC	54,875	39,793	72.5	73.0	73.0	72.9	71.9
Ashev'le-Bun. TCC	467,968	314,971	67.3	66.9	66.9	67.1	67.1
Beaufort Co. CC	178,973	131,866	73.7	74.4	74.4	74.7	78.8
Bladen CC	107,170	82,249	76.7	76.6	76.6	76.6	76.7
Blue Ridge CC	232,467	182,641	78.6	78.1	78.1	78.6	73.8
Brunswick CC	167,687	115,778	69.0	69.0	69.0	68.8	73.8
Caldwell CC & TI	256,658	191,586	74.6	74.6	74.6	75.9	76.2
Cape Fear CC	267,517	179,172	67.0	66.9	66.7	66.7	66.8
Carteret CC	147,147	112,266	76.3	76.2	76.3	76.9	77.1
Catawba Vy. CC	307,892	227,431	73.9	73.9	73.9	73.7	73.7
C. Carolina CC	288,933	207,784	71.9	72.7	72.7	73.0	73.0
C. Piedmont CC*	1,470,535	602,160	40.9	40.3	39.4	39.5	39.3
Cleveland CC	193,201	136,791	70.8	70.7	70.7	70.7	70.6
Coastal Car. CC	277,026	195,312	70.5	72.0	72.3	72.3	72.8
Col. Albemarle	197,360	128,766	65.2	65.3	65.3	65.3	64.7
Craven CC	156,586	109,498	69.9	69.8	69.7	69.4	69.4
Davidson Co. CC	281,577	190,428	67.6	67.6	67.8	70.2	70.2
Durham TCC	279,877	196,682	70.3	70.3	70.2	70.3	72.0
Edgecombe CC	184,800	126,549	68.5	69.1	69.1	69.4	65.5
Fayettev'le TCC	536,530	383,090	71.4	71.3	71.5	71.9	71.4
Forsyth TCC	519,705	364,165	70.1	70.1	70.4	70.7	70.7
Gaston Col.	370,408	256,688	69.3	71.7	71.4	69.4	69.5
Guilford TCC	739,858	518,756	70.1	71.8	71.8	72.7	72.5
Halifax CC	175,421	124,858	71.2	72.2	73.1	73.1	73.1
Haywood CC	277,130	210,702	76.0	76.0	76.2	76.2	76.7
Isothermal CC	220,057	169,036	76.8	76.8	76.8	76.8	76.8
J. Sprunt CC	121,297	90,467	74.6	74.4	74.5	73.2	73.2
Johnston CC	214,227	160,763	75.0	75.7	74.4	74.4	74.4
Lenoir CC	271,032	208,036	76.8	76.6	76.6	75.7	75.7

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1996	1995	1994	1993	1992
Community Colleges:							
Martin CC	229,431	177,382	77.3	76.2	76.2	76.2	76.2
Mayland CC	89,970	65,769	73.1	73.1	73.3	72.0	71.8
McDowell TCC	94,962	71,561	75.4	75.5	75.5	75.5	75.5
Mitchell CC	254,223	182,625	71.8	72.4	72.4	72.4	72.6
Montgomery CC	76,348	54,518	71.4	71.0	71.0	71.3	69.7
Nash CC	157,799	109,223	69.2	69.1	69.1	69.1	69.1
Pamlico CC	40,198	28,395	70.6	70.6	71.1	71.1	71.1
Piedmont CC	117,486	99,743	84.9	84.9	84.2	84.2	83.6
Pitt CC	247,660	175,255	70.8	70.8	70.8	70.8	72.3
Randolph CC	221,904	166,788	75.2	75.2	76.2	76.2	76.2
Richmond CC	156,639	112,109	71.6	71.6	71.7	71.7	71.7
Roanoke-Cho. CC	135,921	99,899	73.5	73.5	73.5	73.5	73.7
Robeson CC	183,243	136,255	74.4	74.4	74.4	74.4	74.3
Rockingham CC	306,367	216,816	70.8	71.8	71.8	71.3	71.5
Rowan-Cab. CC	236,248	173,836	73.6	73.7	73.7	73.7	73.3
Sampson CC	117,646	87,686	74.5	74.5	74.4	74.4	74.4
Sandhills CC	275,945	200,246	72.6	72.6	72.6	72.6	72.6
Southeastern CC	179,709	131,596	73.2	73.6	74.4	74.8	74.9
Southwestern CC	197,203	145,949	74.0	74.0	74.0	73.4	73.4
Stanly CC	119,617	90,247	75.4	75.4	74.9	74.8	73.5
Surry CC	247,238	173,201	70.1	73.3	73.3	73.3	73.3
Tri-County CC	103,973	82,943	79.8	79.8	79.8	79.8	79.8
Vance-Granv. CC	234,138	154,477	66.0	66.1	66.2	66.2	66.7
Wake TCC	426,370	292,801	68.7	68.5	68.5	68.7	68.2
Wayne CC	336,428	214,270	63.7	66.0	65.7	65.5	65.5
W. Piedmont CC	197,543	132,258	67.0	67.0	67.0	67.1	72.0
Wilkes CC	279,683	209,760	75.0	75.1	75.4	74.7	74.8
Wilson TCC	165,740	118,952	71.8	71.8	71.7	71.8	71.8
TOTAL	14,656,160	10,041,764	68.5	68.8	68.7	68.8	68.7

TABLE 14:

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Statistics in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 **Instruction Program**. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 **Research Program.** Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 **Public Service**. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 **Academic Support Program**. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 **Student Service Program**. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 **Institutional Administration Program**. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

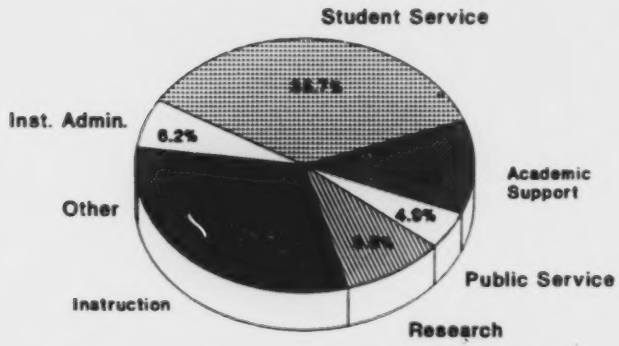
70 **Physical Plant Operations Program**. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 **Student Financial Support Program**. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

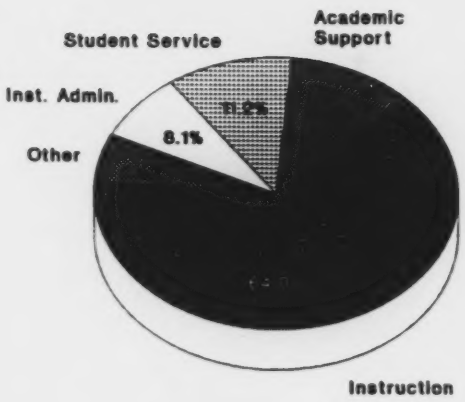
90 **Independent Operations Program**. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 **Unassigned**. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

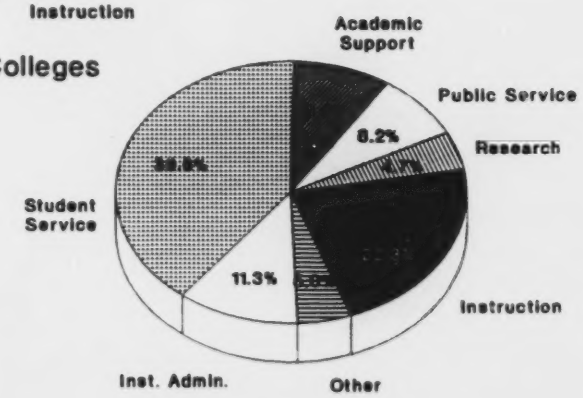
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	5,972,252	22.4	29.7	4.1	7.4	27.2	4.8	1.5	-	0.7	2.2
NC State Vet.	264,207	36.1	29.7	20.1	8.9	2.8	0.6	1.9	-	-	-
UNC-Chapel Hill	4,886,559	22.3	4.1	1.3	18.1	39.6	6.9	2.3	-	3.8	1.5
UNC-Health Aff.	1,595,656	25.2	28.0	9.6	21.0	0.8	0.4	0.3	-	8.5	6.2
SUBTOTAL	12,718,674	23.0	19.7	4.1	13.3	28.1	5.0	1.6	-	2.9	2.4
Doctoral Granting Universities I:											
UNC-Greensboro	1,931,604	25.3	3.6	-	13.4	46.9	7.1	2.3	-	-	1.3
Comprehensive I Universities:											
Appalachian	2,129,772	30.9	0.2	0.7	8.1	52.9	5.1	1.9	-	0.1	0.1
East Carolina	2,446,049	28.8	2.0	0.7	11.4	47.9	5.3	1.9	-	1.9	0.1
ECU-Health Aff.	539,027	17.7	26.9	27.1	16.5	0.3	9.1	1.9	-	-	0.6
Fayetteville	670,423	39.2	0.1	1.3	12.4	37.2	7.6	2.0	-	0.2	-
NC A & T	1,576,155	31.0	9.8	1.0	15.1	33.3	5.5	1.2	-	0.5	2.6
NC Central	1,018,993	33.5	0.9	0.7	14.1	41.4	7.6	0.8	-	0.1	0.9
UNC-Charlotte	1,785,431	33.3	3.9	-	7.6	47.3	4.9	0.8	-	-	2.2
UNC-Pembroke	501,118	38.4	-	0.6	9.1	39.3	10.6	1.6	-	-	0.4
UNC-Wilmington	1,085,732	27.1	2.4	-	13.9	45.9	8.7	1.3	-	0.6	0.2
West'n Carolina	1,600,526	26.0	0.9	0.4	10.6	44.9	9.1	1.3	-	3.8	3.1
SUBTOTAL	13,353,226	30.3	3.5	1.6	11.3	43.1	6.6	1.5	-	0.9	1.1
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	588,941	33.0	-	3.3	7.8	45.5	9.2	1.2	-	-	<0.1
UNC-Asheville	538,756	32.6	0.5	1.3	17.1	39.0	5.1	1.9	-	1.2	1.2
Winston-Salem	706,810	29.0	0.4	0.3	8.9	41.4	8.4	1.4	-	0.4	9.9
SUBTOTAL	1,834,507	31.3	0.3	1.5	11.0	42.0	7.7	1.5	-	0.5	4.2
Specialized Institution:											
NC Sch. of Arts	426,202	44.7	-	5.9	6.3	32.0	5.1	0.6	-	0.5	4.9
Teaching Hospitals:											
UNC Hosp. at C. Hill	912,145	0.9	0.5	81.9	-	-	13.9	2.2	-	-	0.6
Community Colleges:											
SUBTOTAL	10,041,764	64.0	-	1.5	11.0	11.2	8.1	2.2	-	0.5	1.4
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	9,337,097	17.7	11.2	19.6	11.2	26.1	8.1	2.5	-	1.9	1.7
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,837,575	25.6	0.1	0.1	7.4	48.9	13.7	1.8	-	0.6	1.8
Junior Colleges:											
SUBTOTAL	479,477	21.5	-	0.2	6.6	53.2	8.8	2.0	-	0.5	7.2
GRAND TOTAL	63,872,271	30.9	6.4	5.5	10.7	33.2	8.3	1.9	-	1.3	1.8

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	178,920	76.8	-	1.2	8.9	4.7	5.8	2.4	-	0.1	<0.1
Anson CC	39,793	60.0	-	1.0	15.6	12.6	6.8	4.1	-	-	-
Asheville-Bun. TCC	314,971	71.8	-	<0.1	13.0	6.7	7.1	0.8	-	<0.1	0.5
Beaufort Co. CC	131,866	57.2	-	1.0	8.6	14.1	10.2	4.3	-	-	4.7
Bladen CC	82,249	47.9	-	-	8.5	17.2	7.2	4.7	-	0.9	13.7
Blue Ridge CC	182,641	72.0	-	0.5	9.8	8.6	5.2	3.4	-	0.1	0.4
Brunswick CC	115,778	43.4	-	16.7	8.3	7.0	6.7	2.8	-	5.3	9.8
Caldwell CC & TI	191,586	53.5	-	-	10.0	24.5	6.1	5.9	-	-	<0.1
Cape Fear CC	179,172	65.2	-	0.2	9.5	7.1	7.4	0.1	-	0.1	10.4
Carteret CC	112,266	53.5	-	-	12.1	7.3	24.2	0.3	-	1.4	1.3
Catawba Vy. CC	227,431	71.3	-	-	10.6	7.8	9.1	-	-	0.8	0.5
C. Carolina CC	207,784	67.8	-	0.6	8.2	10.6	3.2	0.1	-	8.9	0.6
C. Piedmont CC	602,160	67.8	-	<0.1	12.1	10.0	8.3	1.3	-	-	0.5
Cleveland CC	136,791	63.1	-	2.8	14.8	8.9	8.3	1.7	-	0.1	0.3
Coastal Car. CC	195,312	69.9	-	0.1	12.0	8.9	5.0	2.2	-	-	1.8
Col. Albemarle	128,766	55.8	-	14.0	11.3	7.8	9.5	1.3	-	-	0.4
Craven CC	109,498	74.7	-	0.1	12.9	7.6	4.8	-	-	-	-
Davidson Co. CC	190,428	61.0	-	1.0	16.7	7.3	9.5	3.5	-	1.0	-
Durham TCC	196,682	67.5	-	0.1	10.5	7.5	11.1	1.4	-	2.0	-
Edgecombe CC	126,549	60.0	-	0.2	12.0	11.2	9.3	2.3	-	-	5.1
Fayettev'le TCC	383,090	63.3	-	4.0	8.8	11.3	9.1	2.8	-	0.2	0.6
Forsyth TCC	364,165	69.8	-	0.5	10.4	9.9	6.9	2.4	-	0.1	-
Gaston Col.	256,688	61.1	-	3.6	16.6	10.7	7.1	0.8	-	-	-
Guilford TCC	518,756	68.0	-	3.2	8.2	8.2	9.8	1.7	-	0.1	0.7
Halifax CC	124,858	60.8	-	2.4	11.0	10.4	12.4	2.2	-	-	0.8
Haywood CC	210,702	67.2	-	0.5	6.4	15.5	5.1	3.7	-	1.3	0.4
Isothermal CC	169,036	75.2	-	0.6	7.1	8.1	6.7	2.4	-	-	-
J. Sprunt CC	90,467	64.6	-	0.7	5.4	13.4	8.7	6.9	-	0.2	-
Johnston CC	160,763	58.8	-	0.8	8.0	17.0	7.3	7.9	-	0.1	-
Lenoir CC	208,036	60.1	-	0.4	12.4	10.0	8.9	1.1	-	0.7	6.4
Martin CC	177,382	39.1	-	0.2	7.2	34.1	3.0	2.7	-	-	13.7
Mayland CC	65,769	54.7	-	0.5	24.0	8.7	9.4	2.2	-	-	0.6
McDowell TCC	71,561	64.5	-	-	8.7	11.7	11.2	3.9	-	-	-
Mitchell CC	182,625	58.1	-	-	9.9	18.6	9.0	2.4	-	0.1	2.0
Montgomery CC	54,518	66.9	-	0.2	10.3	10.0	9.8	2.5	-	0.1	0.2
Nash CC	109,223	67.3	-	0.5	11.7	5.2	13.7	1.6	-	-	0.1
Pamlico CC	28,395	56.0	-	-	19.0	9.9	11.0	4.1	-	-	-
Piedmont CC	99,743	56.6	-	12.5	9.7	6.8	10.1	3.1	-	1.2	-
Pitt CC	175,255	72.1	-	0.1	15.2	5.0	6.0	1.5	-	-	-
Randolph CC	166,788	69.2	-	0.1	10.2	10.7	9.4	0.4	-	-	-
Richmond CC	112,109	60.1	-	0.6	13.6	10.5	12.7	2.5	-	-	-
Roanoke-Cho. CC	99,899	63.8	-	2.9	9.4	8.9	5.9	4.2	-	0.4	4.4
Robeson CC	136,255	57.5	-	0.1	10.7	19.7	10.7	1.3	-	-	-
Rockingham CC	216,816	67.0	-	1.9	11.5	9.8	7.8	0.8	-	0.1	1.1
Rowan-Cab. CC	173,836	69.6	-	0.3	12.7	10.4	4.6	1.2	-	-	1.1
Sampson CC	87,686	54.9	-	-	12.8	13.2	12.5	0.2	-	-	6.6
Sandhills CC	200,246	59.6	-	0.1	12.8	17.6	7.2	2.8	-	<0.1	-
Southeastern CC	131,596	64.6	-	1.6	11.5	11.8	8.5	0.9	-	-	1.1
Southwestern CC	145,949	53.0	-	2.3	9.7	22.4	9.6	2.0	-	1.1	-
Stanly CC	90,247	66.6	-	<0.1	8.5	13.8	10.1	0.9	-	-	-
Surry CC	173,201	69.1	-	-	8.4	9.8	6.5	1.9	-	0.6	3.7
Tri-County CC	82,943	66.2	-	-	8.6	12.1	13.1	-	-	-	-
Vance-Granv. CC	154,477	63.7	-	9.2	10.4	5.9	9.7	0.6	-	0.1	0.4
Wake TCC	292,801	62.2	-	1.3	14.6	9.3	9.1	3.0	-	-	0.6
Wayne CC	214,270	67.2	-	0.5	12.7	9.0	4.7	5.5	-	-	0.4
W. Piedmont CC	132,258	61.9	-	<0.1	14.5	10.9	8.9	3.8	-	-	-
Wilkes CC	209,760	54.4	-	<0.1	10.3	22.0	5.6	4.0	-	3.7	-
Wilson TCC	118,952	66.9	-	1.1	13.8	7.5	8.4	2.2	-	-	-
TOTAL	10,041,764	64.0	-	1.5	11.0	11.2	8.1	2.2	-	0.5	1.4

TABLE 14a:

INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 **General Academic Instruction**. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academicnature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 **Vocational/Technical Instruction**. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 **Requisite Preparatory/Remedial Instruction**. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 **General Studies**. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 **Occupational-Related Instruction**. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 **Social Roles/Interaction Instruction**. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 **Home and Family Life Instruction**. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 **Personal Interest and Leisure Instruction**. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 **Institutes and Research Centers**. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 **Individual or Project Research**. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 **Direct Patient Care**. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 **Health Care Supportive Services**. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 **Community Services**. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 **Cooperative Extension Services.** This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 **Public Broadcasting Services**. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Research Universities I:								
NC State	22.4	-	-	-	<0.1	-	-	-
NC State Vet.	36.1	-	-	-	-	-	-	-
UNC-Chapel Hill	21.3	-	0.1	0.3	0.6	-	-	-
UNC-Health Aff.	25.1	-	-	<0.1	0.1	-	-	-
SUBTOTAL	22.6	-	0.1	0.1	0.3	-	-	-
Doctoral Granting Universities I:								
UNC-Greensboro	25.1	-	0.2	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	27.5	-	-	3.3	-	-	-	-
East Carolina	28.8	-	<0.1	-	-	-	-	-
ECU-Health Aff.	17.7	-	-	-	-	-	-	-
Fayetteville	38.6	-	-	0.6	-	-	-	-
NC A & T	31.0	-	-	-	-	-	-	-
NC Central	33.4	-	0.1	-	-	<0.1	-	-
UNC-Charlotte	33.3	-	-	-	-	-	-	-
UNC-Pembroke	38.2	-	0.2	-	-	-	-	-
UNC-Wilmington	26.4	-	-	-	0.6	-	-	-
West'n Carolina	25.4	-	<0.1	0.1	0.1	0.1	-	0.3
SUBTOTAL	29.6	-	<0.1	0.6	0.1	<0.1	-	<0.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	32.2	-	0.8	-	-	-	-	-
UNC-Asheville	32.6	-	-	-	-	-	-	-
Winston-Salem	28.2	-	0.8	-	-	-	-	-
SUBTOTAL	30.8	-	0.6	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
3.1	26.6	-	-	1.5	2.5	0.1	NC State
-	29.7	8.6	11.5	-	-	-	NC State Vet.
0.1	4.0	-	-	1.2	-	0.1	UNC-Chapel Hill
3.1	24.9	3.3	6.1	0.2	0.1	-	UNC-Health Aff.
1.9	17.8	0.6	1.0	1.2	1.2	0.1	SUBTOTAL
							Doctoral Granting Universities I:
0.1	3.6	-	-	-	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	0.2	-	-	0.7	-	-	Appalachian
0.2	1.8	-	<0.1	0.6	-	0.1	East Carolina
-	26.9	9.8	16.0	1.3	-	-	ECU-Health Aff.
-	0.1	-	-	1.2	-	<0.1	Fayetteville
3.3	6.5	-	-	0.4	0.5	0.1	NC A & T
0.3	0.6	-	-	0.5	-	0.1	NC Central
0.6	3.2	-	-	-	-	-	UNC-Charlotte
-	-	-	-	0.5	-	<0.1	UNC-Pembroke
1.1	1.3	-	-	-	-	-	UNC-Wilmington
-	0.9	-	-	0.4	-	<0.1	West'n Carolina
0.6	2.9	0.4	0.6	0.5	0.1	<0.1	SUBTOTAL
							Comp. II and Lib. Arts I Univ.:
-	-	-	-	2.7	-	0.5	Elizabeth City
0.1	0.4	-	-	1.3	-	-	UNC-Asheville
-	0.4	-	-	0.2	-	<0.1	Winston-Salem
<0.1	0.2	-	-	1.3	-	0.2	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	44.7	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	0.9	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	8.3	47.6	0.9	3.3	3.0	0.2	0.2	0.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	17.6	-	<0.1	0.1	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	25.5	-	0.1	<0.1	<0.1	-	-	-
Junior Colleges:								
SUBTOTAL	21.4	-	-	0.1	-	-	-	-
GRAND TOTAL	21.8	7.5	0.2	0.7	0.5	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	5.9	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	0.5	27.0	55.0	-	-	-	UNC Hosp. at C.H.
							Community Colleges:
-	-	-	-	1.4	<0.1	<0.1	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	11.2	8.7	10.9	<0.1	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
<0.1	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.2	-	-	SUBTOTAL
0.5	5.9	1.9	2.7	0.7	0.3	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	12.0	50.8	0.4	1.6	12.1	-	-	-	1.2
Anson CC	7.2	44.7	0.2	7.4	0.5	-	-	-	1.0
Ashev'le-Bun. TCC	0.2	60.2	-	1.4	8.6	-	-	1.4	<0.1
Beaufort Co. CC	-	49.5	-	1.4	6.3	-	-	-	1.0
Bladen CC	4.6	33.5	0.1	1.3	7.6	-	0.7	-	-
Blue Ridge CC	14.9	53.0	0.9	1.3	1.0	0.5	-	0.4	0.5
Brunswick CC	-	29.6	-	8.4	4.6	-	-	0.8	16.7
Caldwell CC & TI	8.5	43.8	1.2	-	-	-	-	-	-
Cape Fear CC	2.0	54.2	0.8	4.2	3.8	-	-	-	0.2
Carteret CC	0.1	47.5	0.1	3.3	0.1	-	-	2.5	-
Catawba Vy. CC	1.5	58.8	1.9	0.8	6.7	-	-	1.6	-
C. Carolina CC	3.8	58.7	1.7	1.2	2.3	-	-	-	0.6
C. Piedmont CC	14.5	45.5	3.3	2.8	1.7	-	-	-	<0.1
Cleveland CC	9.7	47.2	1.0	1.0	0.9	-	3.3	-	2.8
Coastal Car. CC	17.8	37.5	1.0	2.0	11.6	-	-	-	0.1
Col. Albemarle	14.6	33.6	0.6	6.9	-	-	-	-	14.0
Craven CC**	6.6	61.9	0.3	5.9	-	-	-	-	-
Davidson Co. CC	16.2	36.8	1.8	1.7	4.5	-	-	-	1.0
Durham TCC	0.8	60.6	0.1	5.2	0.8	-	-	-	0.1
Edgecombe CC	2.4	54.7	-	1.4	1.4	-	-	-	0.2
Fayettev'le TCC	-	51.5	0.2	8.8	2.9	-	-	-	4.0
Forsyth TCC	4.8	51.8	1.6	4.3	3.3	-	0.3	3.6	0.5
Gaston Col.	13.1	44.9	2.4	0.3	0.4	-	-	-	3.6
Guilford TCC*	3.4	53.6	1.3	4.8	3.2	-	-	1.8	3.2
Halifax CC	18.1	35.6	1.6	2.2	1.2	0.3	-	1.6	2.4
Haywood CC	-	57.4	0.5	2.2	3.3	-	2.6	1.3	0.5
Isothermal CC**	29.2	39.0	1.3	3.1	1.0	-	0.4	1.1	-
J. Sprunt CC	3.1	56.1	-	4.1	1.4	-	-	-	0.7
Johnston CC	-	58.8	-	-	-	-	-	-	0.8
Lenoir CC*	19.9	24.0	2.7	7.5	1.3	-	1.1	3.6	0.4

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Lenoir CC - 0.1, Pitt CC - 0.1, Wake TCC - 1.3, Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	6.5	27.6	0.5	2.1	2.3	-	-	-	0.2
Mayland CC	0.3	51.3	0.2	2.9	<0.1	-	-	-	0.5
McDowell TCC	1.8	56.7	0.7	2.3	3.0	-	-	-	-
Mitchell CC	23.1	17.2	-	13.3	3.9	-	-	0.6	-
Montgomery CC	-	66.4	-	0.4	-	-	-	-	0.2
Nash CC	2.4	49.6	-	2.4	10.8	0.9	-	1.2	0.5
Pamlico CC	3.3	35.9	-	3.4	13.3	-	-	-	-
Piedmont CC	-	51.1	0.5	2.2	2.8	-	-	-	12.5
Pitt CC*	6.3	61.8	0.2	2.3	1.5	-	-	-	-
Randolph CC	-	61.0	-	1.6	6.7	-	-	-	0.1
Richmond CC	-	50.5	-	8.9	0.5	0.3	-	-	0.6
Roanoke-Cho. CC	-	38.6	0.1	2.7	2.3	17.8	-	2.3	2.9
Robeson CC	0.5	52.7	-	2.3	2.0	-	-	-	0.1
Rockingham CC	28.0	35.5	-	0.9	2.5	-	-	-	1.9
Rowan-Cab. CC	0.4	64.4	-	2.7	2.0	-	-	-	0.3
Sampson CC	-	46.1	2.0	4.7	-	-	1.9	0.2	-
Sandhills CC	23.9	30.9	0.9	0.3	3.5	-	-	-	0.1
Southeastern CC	16.4	43.9	1.1	3.1	-	-	-	-	1.6
Southwestern CC	-	48.5	0.7	2.7	1.1	-	-	-	2.3
Stanly CC	0.3	62.0	-	-	4.3	-	-	-	<0.1
Surry CC	25.7	36.9	1.1	-	5.4	-	-	-	-
Tri-County CC	4.4	56.0	-	4.7	-	-	0.9	0.2	-
Vance-Granv. CC	13.3	42.0	0.5	5.1	2.7	-	-	0.2	9.2
Wake TCC	2.3	49.9	-	8.0	1.9	-	-	-	-
Wayne CC	6.7	53.7	-	6.1	0.7	-	-	-	0.5
W. Piedmont CC	26.7	30.0	-	3.4	1.7	-	-	-	<0.1
Wilkes CC	17.8	34.2	-	0.4	2.0	-	-	-	<0.1
Wilson TCC	1.2	57.9	3.1	1.0	3.0	-	0.7	-	1.1
TOTAL	8.3	47.6	0.9	3.3	3.0	0.2	0.2	0.5	1.4

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.6, Subtotal - <0.1

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 **Library Services**. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 **Museums and Galleries**. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 **Educational Media Services**. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 **Academic Computer Support**. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 **Ancillary Support**. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 **Academic Administration**. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institu tion-wide and involve duties outside of the academic realm.

47 **Course and Curriculum Development**. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 **Academic Personnel Development**. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Research Universities I:								
NC State	4.3	0.2	0.2	0.3	0.1	2.4	<0.1	-
NC State Vet.	4.6	-	0.9	0.1	-	3.3	-	-
UNC-Chapel Hill	12.7	0.5	0.3	0.5	0.6	3.5	-	0.1
UNC-Health Aff.	4.1	<0.1	0.3	0.2	4.7	11.6	0.1	<0.1
SUBTOTAL	7.5	0.3	0.2	0.4	0.9	4.0	<0.1	<0.1
Doctoral Granting Universities I:								
UNC-Greensboro	7.3	1.5	0.8	1.2	1.0	1.6	-	-
Comprehensive I Universities:								
Appalachian	3.7	0.9	0.4	0.5	0.6	1.9	0.2	0.1
East Carolina	9.3	0.3	0.6	0.1	<0.1	1.2	<0.1	-
ECU-Health Aff.	6.8	0.1	1.7	0.2	0.1	7.6	-	-
Fayetteville	8.0	0.3	0.7	0.1	0.9	2.4	-	-
NC A & T	7.1	0.4	0.2	0.5	3.9	3.0	-	-
NC Central	9.0	0.4	0.5	0.3	1.2	2.7	-	<0.1
UNC-Charlotte	5.0	0.1	0.5	-	-	1.9	-	-
UNC-Pembroke	5.5	1.5	0.3	-	-	1.8	-	<0.1
UNC-Wilmington	11.0	<0.1	<0.1	<0.1	-	2.6	-	0.1
West'n Carolina	7.6	0.6	0.2	0.1	0.3	1.3	-	0.4
SUBTOTAL	7.2	0.4	0.4	0.2	0.7	2.2	<0.1	0.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	5.5	0.1	-	0.2	0.8	1.1	-	-
UNC-Asheville	13.6	0.4	1.7	0.9	-	0.5	-	-
Winston-Salem	4.6	1.2	0.2	0.7	0.4	1.8	-	-
SUBTOTAL	7.5	0.6	0.6	0.6	0.4	1.2	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	4.3	0.7	0.1	<0.1	0.1	1.1	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.1	0.1	0.9	0.1	1.1	1.7	<0.1	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	6.5	0.3	0.1	0.3	<0.1	4.0	<0.1	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	5.9	0.4	0.2	0.1	0.2	0.5	-	0.1
Junior Colleges:								
SUBTOTAL	5.4	1.1	-	-	-	0.1	-	-
GRAND TOTAL	6.8	0.4	0.4	0.2	0.6	2.3	<0.1	<0.1

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Alamance CC	3.7	-	0.6	0.1	2.3	2.2	-	-
Anson CC	10.5	-	0.6	0.2	-	4.3	-	-
Ashev'le-Bun. TCC	6.6	-	0.9	-	4.9	0.5	-	-
Beaufort Co. CC	7.4	-	-	-	-	1.2	-	-
Bladen CC	6.8	-	-	-	-	1.7	-	-
Blue Ridge CC	5.6	<0.1	1.5	<0.1	1.6	1.1	-	-
Brunswick CC	5.5	-	1.2	-	-	1.6	-	-
Caldwell CC & TI	6.2	-	1.1	-	-	2.7	-	-
Cape Fear CC	7.6	-	0.7	0.2	-	0.9	-	-
Carteret CC	5.5	-	1.2	-	2.6	2.8	-	-
Catawba Vy. CC	5.2	0.2	0.6	0.2	2.4	2.0	-	-
C. Carolina CC	6.6	-	0.6	-	0.3	0.7	-	-
C. Piedmont CC	7.1	0.1	1.9	0.1	1.1	1.8	-	-
Cleveland CC	10.6	0.4	1.9	-	-	2.0	-	-
Coastal Car. CC	8.4	0.3	0.9	0.2	-	2.3	-	-
Col. Albemarle	8.3	0.6	0.3	-	-	2.1	-	-
Craven CC	9.7	-	1.5	-	-	1.7	-	-
Davidson Co. CC	8.9	-	1.6	0.1	2.9	3.2	-	-
Durham TCC	6.8	-	1.1	-	-	2.6	0.1	-
Edgecombe CC	8.4	-	1.3	0.2	-	2.1	-	-
Fayettev'le TCC	4.1	-	1.2	0.1	-	3.3	-	-
Forsyth TCC	5.5	-	0.4	0.5	-	3.9	-	-
Gaston Col.	9.3	0.2	1.0	0.4	4.8	1.0	-	-
Guilford TCC	5.7	-	0.6	-	-	1.9	-	-
Halifax CC	7.6	-	-	-	2.3	1.0	0.1	-
Haywood CC	3.2	0.2	0.2	-	1.9	0.8	-	-
Isothermal CC	6.2	-	0.1	-	-	0.8	-	-
J. Sprunt CC	4.2	-	-	-	-	1.3	-	-
Johnston CC	4.8	-	1.8	-	-	1.4	-	-
Lenoir CC	7.8	1.4	0.4	<0.1	-	2.7	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	5.9	-	-	-	-	1.3	-	-
Mayland CC	12.9	-	1.0	-	8.8	1.3	-	-
McDowell TCC	7.1	0.7	-	-	-	0.9	-	-
Mitchell CC	6.0	0.1	1.0	0.2	-	2.7	-	-
Montgomery CC	5.6	-	-	-	3.4	1.2	-	-
Nash CC	10.4	-	-	-	-	1.2	-	-
Pamlico CC	16.2	-	1.6	-	-	1.2	-	-
Piedmont CC	7.3	-	0.5	0.1	-	1.8	-	-
Pitt CC	11.2	-	1.8	-	1.4	0.6	0.2	-
Randolph CC	7.0	-	1.5	-	-	1.7	-	-
Richmond CC	10.2	-	1.6	0.6	-	1.2	-	-
Roanoke-Cho. CC	6.3	-	-	-	1.1	2.0	-	-
Robeson CC	7.5	-	1.4	-	-	1.9	-	-
Rockingham CC	5.6	1.0	0.4	-	3.6	0.9	-	-
Rowan-Cab. CC	9.9	-	0.8	-	-	2.0	-	-
Sampson CC	10.9	-	-	0.2	-	1.7	-	-
Sandhills CC	9.4	0.6	1.5	-	-	1.1	0.2	-
Southeastern CC	8.0	-	1.7	0.1	1.6	0.1	-	-
Southwestern CC	5.6	-	1.7	-	-	2.5	-	-
Stanly CC	6.0	-	0.5	0.2	-	1.7	-	-
Surry CC	7.8	-	-	0.2	-	0.4	-	-
Tri-County CC	7.7	-	-	-	-	0.9	-	-
Vance-Granv. CC	6.4	-	-	-	2.9	1.1	-	-
Wake TCC	9.4	-	1.7	0.2	2.5	0.8	-	-
Wayne CC	9.2	-	1.4	0.1	-	1.9	0.1	-
W. Piedmont CC	9.1	-	2.4	-	-	2.9	-	-
Wilkes CC	5.0	1.0	0.5	-	2.7	1.1	-	-
Wilson TCC	6.3	-	1.4	<0.1	4.4	1.8	-	-
TOTAL	7.1	0.1	0.9	0.1	1.1	1.7	<0.1	-

TABLE 14c:

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 **Student Service Administration**. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 **Social and Cultural Development**. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 **Counseling and Career Guidance**. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 **Financial Aid Administration**. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 **Student Auxiliary Services**. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 **Intercollegiate Athletics**. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 **Student Health/Medical Services**. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 **Physical Plant Administration**. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 **Building Maintenance**. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 **Custodial Services**. This subprogram consists of those activities related to custodial services in institutional buildings.

74 **Utilities**. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 **Landscape and Ground Maintenance**. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 **Major Repairs and Renovations**. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	0.1	2.0	0.2	0.1	21.6	3.0	0.2	0.2	0.7	<0.1	0.3	0.2
NC State Vet.	-	0.1	-	-	2.7	-	-	-	0.3	0.1	1.4	-
UNC-Chapel Hill	0.2	3.1	0.2	0.1	27.1	8.2	0.7	0.4	0.9	0.2	0.7	0.2
UNC-Health Aff.	0.1	0.1	<0.1	<0.1	0.6	-	-	-	<0.1	0.3	<0.1	-
SUBTOTAL	0.1	2.2	0.1	0.1	20.7	4.5	0.4	0.2	0.7	0.1	0.4	0.2
Doctoral Granting Universities I:												
UNC-Greensboro	0.2	7.1	0.4	0.2	36.1	2.0	0.8	0.7	1.0	0.1	0.1	0.4
Comprehensive II Universities:												
Appalachian	0.2	8.2	0.6	0.4	41.3	1.6	0.7	0.8	0.6	<0.1	0.5	-
East Carolina	0.2	10.0	0.3	0.2	33.7	3.2	0.4	0.4	1.3	0.1	-	0.1
ECU-Health Aff.	0.3	-	-	-	-	-	-	0.2	1.5	0.1	0.1	-
Fayetteville	0.1	7.3	0.9	0.7	26.6	1.0	0.6	-	1.5	-	-	0.5
NC A & T	0.2	3.7	0.7	0.4	27.0	1.1	0.4	0.2	0.8	<0.1	0.1	<0.1
NC Central	0.1	5.4	0.4	0.3	31.3	3.3	0.5	0.2	0.5	-	-	0.1
UNC-Charlotte	0.2	3.5	0.4	0.1	42.0	0.8	0.5	0.1	0.6	0.1	-	-
UNC-Pembroke	0.2	8.9	0.6	0.3	28.3	0.4	0.7	0.6	0.8	<0.1	-	0.1
UNC-Wilmington	0.2	6.4	0.6	0.3	32.8	5.4	0.3	0.4	0.8	-	0.1	-
West'n Carolina	0.1	7.9	0.6	0.1	33.5	2.3	0.4	0.4	0.7	0.1	-	0.1
SUBTOTAL	0.2	6.6	0.5	0.3	33.0	2.1	0.5	0.4	0.9	0.1	0.1	0.1
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	0.2	6.5	0.6	0.4	35.3	1.6	0.8	0.7	0.5	-	-	-
UNC-Asheville	0.2	4.1	0.4	0.2	32.1	1.7	0.3	0.7	0.5	0.1	0.3	0.2
Winston-Salem	0.2	8.5	0.5	0.6	28.9	2.3	0.4	0.3	0.6	0.1	0.2	0.3
SUBTOTAL	0.2	6.6	0.5	0.4	31.9	1.9	0.5	0.5	0.5	0.1	0.2	0.2
Specialized Institution:												
NC Sch. of Arts	0.2	7.0	0.1	0.2	23.9	-	0.6	<0.1	0.5	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	1.9	0.4	-	-
Community Colleges:												
SUBTOTAL	0.5	4.9	0.9	0.2	4.5	<0.1	<0.1	0.2	1.7	0.1	<0.1	0.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.2	3.2	0.1	0.1	19.9	2.5	0.1	0.7	0.9	0.3	0.4	0.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.3	7.5	0.3	0.2	37.1	3.1	0.4	0.2	1.3	0.1	0.1	0.1
Junior Colleges:												
SUBTOTAL	0.9	12.0	0.2	0.1	36.8	2.1	1.2	-	1.7	0.3	-	-
GRAND TOTAL	0.3	5.1	0.4	0.2	24.5	2.5	0.3	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Intercolleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Building Maint. 72	Custodial Svcs. 73	Utilities 74	Landscp. Grounds Maint. 75
Community Colleges:												
Alamance CC	0.4	0.2	0.2	0.4	3.6	-	-	0.3	2.1	-	-	-
Anson CC	0.4	7.1	0.9	0.5	3.7	-	-	-	4.1	-	-	-
Ashev'le-Bun. TCC	0.1	2.4	0.4	0.4	3.4	-	-	0.2	0.4	-	-	0.2
Beaufort Co. CC	1.5	6.1	1.0	0.8	4.8	-	-	-	4.3	-	-	-
Bladen CC	0.8	15.0	0.8	-	0.7	-	-	-	2.3	-	-	2.4
Blue Ridge CC	0.3	2.3	0.6	-	5.4	-	-	-	3.3	0.1	-	-
Brunswick CC	1.8	-	0.1	0.1	4.8	-	0.1	-	2.6	0.1	-	-
Caldwell CC & TI	0.1	20.1	0.7	<0.1	3.5	-	-	0.1	5.8	-	-	0.1
Cape Fear CC	0.7	0.9	1.5	0.2	3.7	-	-	-	-	-	-	0.1
Carteret CC	0.6	2.2	0.3	0.1	4.0	-	-	0.3	-	-	-	-
Catawba Vy. CC	0.1	3.7	1.4	<0.1	2.5	-	-	-	-	-	-	-
C. Carolina CC	0.6	4.0	0.6	0.1	5.2	-	-	0.1	-	-	-	-
C. Piedmont CC	1.3	2.0	1.3	0.4	5.1	-	-	0.2	0.7	0.1	-	0.3
Cleveland CC	0.4	4.7	-	0.6	3.2	-	-	0.1	1.5	0.2	-	-
Coastal Car. CC	<0.1	2.1	1.9	0.1	4.8	-	-	0.3	1.9	-	-	-
Col. Albemarle	1.4	3.5	1.0	0.5	1.4	-	-	-	1.3	-	-	-
Craven CC	0.1	3.3	1.0	0.2	3.0	-	-	-	-	-	-	-
Davidson Co. CC	-	1.9	0.7	0.3	4.4	-	-	0.1	3.5	-	-	-
Durham TCC	0.2	1.1	1.3	0.1	4.8	-	-	-	0.8	<0.1	-	0.5
Edgecombe CC	0.3	9.2	0.7	0.1	1.0	-	-	1.5	0.8	-	-	-
Fayettev'le TCC	0.8	5.6	0.9	0.1	3.8	-	0.1	0.3	1.3	0.4	-	0.8
Forsyth TCC	0.1	2.5	0.8	0.3	6.1	-	-	0.1	2.2	0.1	-	-
Gaston Col.	0.2	5.6	0.5	0.1	4.2	-	<0.1	-	0.5	-	-	0.4
Guilford TCC	0.2	2.5	1.0	0.1	4.4	-	<0.1	-	1.2	0.1	-	0.4
Halifax CC	0.2	3.9	1.3	1.5	3.6	-	-	0.1	2.1	-	-	-
Haywood CC	0.6	9.0	0.4	0.1	5.5	-	-	0.1	1.0	<0.1	<0.1	2.5
Isothermal CC	1.0	3.8	0.5	0.2	2.7	-	-	0.5	1.1	0.4	0.4	-
J. Sprunt CC	1.0	4.2	1.9	0.3	6.1	-	-	-	6.9	-	-	-
Johnston CC	0.9	10.8	0.5	0.3	4.6	-	-	-	7.9	<0.1	-	-
Lenoir CC	-	5.6	0.2	0.2	2.8	1.1	-	-	0.4	-	-	0.7
Martin CC	1.1	29.5	0.8	0.1	2.7	-	-	0.1	2.3	0.2	-	-
Mayland CC	<0.1	0.2	0.3	0.3	7.8	-	-	-	2.2	-	-	-
McDowell TCC	0.4	-	2.0	0.2	9.1	-	-	-	0.5	-	-	3.5
Mitchell CC	1.1	9.0	0.5	0.3	7.7	-	-	-	2.2	0.2	-	-
Montgomery CC	-	3.1	1.0	0.2	5.7	-	-	0.4	2.1	-	-	-
Nash CC	1.0	0.6	0.8	0.1	2.7	-	-	-	1.6	-	-	-
Pamlico CC	1.2	-	1.7	-	7.1	-	-	-	4.1	-	-	-
Piedmont CC	2.0	0.3	-	-	4.6	-	-	-	3.1	-	-	-
Pitt CC	1.4	<0.1	0.4	0.3	2.9	-	-	-	1.5	-	-	-
Randolph CC	0.8	2.6	1.5	0.1	5.8	-	-	0.4	0.1	-	-	-
Richmond CC	0.5	4.5	1.9	0.1	3.5	-	0.1	-	2.0	-	-	0.5
Roanoke-Cho. CC	0.3	2.0	1.7	0.3	4.6	-	-	-	-	-	-	4.2
Robeson CC	0.5	10.3	1.6	0.3	7.0	-	-	-	1.3	-	-	-
Rockingham CC	0.3	5.7	0.4	0.3	3.2	-	-	<0.1	0.5	0.1	-	0.2
Rowan-Cab. CC	1.2	-	1.1	0.2	8.0	-	-	-	1.1	0.1	-	-
Sampson CC	0.2	3.8	1.6	0.2	7.4	-	-	0.2	-	-	-	-
Sandhills CC	0.1	7.1	2.1	0.2	8.0	-	-	-	2.2	0.1	0.1	0.5
Southeastern CC	0.4	3.5	2.5	0.2	5.1	-	-	0.3	0.6	-	-	-
Southwestern CC	0.3	15.2	0.6	0.1	6.2	-	-	-	2.0	-	-	-
Stanly CC	0.1	4.9	1.3	0.4	7.2	-	-	0.1	0.8	-	-	-
Surry CC	0.9	1.7	0.9	0.3	6.0	-	-	0.1	1.8	-	-	-
Tri-County CC	0.9	7.2	0.2	0.1	3.7	-	-	-	-	-	-	-
Vance-Granv. CC	0.3	-	1.5	-	4.1	-	-	-	0.6	-	-	-
Wake TCC	0.4	1.5	1.7	0.4	5.1	-	0.1	<0.1	2.7	-	-	0.2
Wayne CC	0.3	4.7	0.5	0.3	3.1	-	0.1	-	5.5	-	-	-
W. Piedmont CC	0.8	4.2	0.7	0.2	5.0	-	<0.1	0.2	2.6	0.1	-	1.0
Wilkes CC	0.1	18.4	0.5	<0.1	3.0	-	-	3.2	0.4	0.4	-	-
Wilson TCC	0.5	2.0	0.7	0.1	4.1	-	0.2	0.1	2.0	0.1	-	-
TOTAL	0.5	4.9	0.9	0.2	4.5	<0.1	<0.1	0.2	1.7	0.1	<0.1	0.3

TABLE 14d:

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 **Executive Management**. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 **Financial Management and Operations**. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 **General Administration and Logistical Services**. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 **Administrative Computing Support**. his subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 **Faculty and Staff Auxiliary Services**. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 **Public Relations/Development**. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 **Student Recruitment and Admissions**. This subprgram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 **Student Records**. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 **Independent Operations/Institutional**. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 **Independent Operations/External Agencies**. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 **Capable of Use**. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 **Incapable of Use**. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	0.2	0.4	2.6	0.3	0.7	0.3	0.1	0.1	0.2	0.5	0.8	1.4
NC State Vet.	-	-	0.4	-	-	0.2	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.1	0.5	0.9	1.1	0.2	0.2	2.1	1.6	0.5	1.0
UNC-Health Aff.	-	0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.9	7.6	4.7	1.5
SUBTOTAL	0.3	0.5	2.5	0.3	0.7	0.6	0.1	0.1	1.0	1.8	1.2	1.2
Doctoral Granting Universities I:												
UNC-Greensboro	0.7	0.5	4.0	0.5	0.3	1.0	0.3	-	-	-	0.1	1.1
Comprehensive I Universities:												
Appalachian	0.6	0.6	1.6	0.5	0.4	0.5	0.5	0.6	-	0.1	-	0.1
East Carolina	0.3	0.3	2.5	0.7	0.4	0.8	0.2	0.2	-	1.9	-	0.1
ECU-Health Aff.	-	-	7.1	-	0.2	1.2	0.3	0.4	-	-	-	0.6
Fayetteville	1.3	0.9	2.5	<0.1	2.2	0.1	0.3	0.2	-	0.2	-	-
NC A & T	0.8	0.7	1.5	0.4	0.9	0.7	0.3	0.1	-	0.5	-	2.6
NC Central	1.0	0.5	2.9	0.7	1.3	0.8	0.2	0.1	-	0.1	0.8	0.2
UNC-Charlotte	0.8	0.4	2.1	0.2	0.6	0.3	0.3	0.1	-	-	0.2	2.0
UNC-Pembroke	1.1	0.9	3.8	0.9	1.7	1.2	0.5	0.5	-	-	0.4	-
UNC-Wilmington	1.2	1.1	3.3	0.4	1.1	0.7	0.8	0.2	<0.1	0.6	0.2	0.1
West'n Carolina	0.6	0.3	3.4	0.3	3.3	0.7	0.2	0.2	0.1	3.7	0.1	3.0
SUBTOTAL	0.7	0.6	2.6	0.5	1.1	0.6	0.3	0.2	<0.1	0.9	0.1	1.0
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	1.3	0.7	2.7	0.3	3.2	0.5	0.3	0.3	-	-	<0.1	-
UNC-Asheville	0.9	0.7	1.4	<0.1	1.1	0.4	0.3	0.3	-	1.2	0.1	1.1
Winston-Salem	0.7	1.0	2.5	0.4	2.8	0.6	0.2	0.2	-	0.4	6.0	3.8
SUBTOTAL	0.9	0.8	2.2	0.3	2.4	0.5	0.3	0.3	-	0.5	2.4	1.8
Specialized Institution:												
NC Sch. of Arts	0.6	0.3	0.9	0.1	2.2	0.5	0.2	0.2	0.5	-	<0.1	4.9
Teaching Hospitals:												
UNC Hosp. at C. H.	1.0	3.4	7.5	2.0	-	0.1	-	-	-	-	-	0.6
Community Colleges:												
SUBTOTAL	1.4	0.9	3.8	0.4	0.6	0.2	0.3	0.5	0.3	0.3	0.4	1.0
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.5	0.7	4.4	0.5	1.3	0.6	0.1	0.1	1.6	0.3	0.1	1.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.4	5.2	0.2	5.6	0.8	0.5	0.2	0.2	0.3	0.9	0.9
Junior Colleges:												
SUBTOTAL	0.8	1.4	0.7	<0.1	4.3	0.5	0.7	0.3	-	0.5	3.4	3.8
GRAND TOTAL	0.7	0.6	3.6	0.4	1.9	0.6	0.3	0.2	0.5	0.7	0.6	1.2

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.0	1.0	2.1	<0.1	0.8	0.3	0.2	0.3	-	0.1	<0.1	-
Anson CC	1.1	1.7	2.2	0.9	-	-	-	0.8	-	-	-	-
Ashev'le-Bun. TCC	1.3	0.5	4.0	0.2	0.2	0.1	0.3	0.6	-	<0.1	0.1	0.4
Beaufort Co. CC	1.8	2.3	3.9	0.2	0.5	0.4	0.6	0.4	-	-	-	4.7
Bladen CC	1.4	1.2	3.5	0.3	0.5	-	-	0.2	-	0.9	13.7	-
Blue Ridge CC	0.6	0.8	2.9	0.1	0.3	0.1	-	0.3	-	0.1	-	0.4
Brunswick CC	2.1	1.0	1.4	0.3	1.0	0.7	0.1	0.2	-	5.3	-	9.8
Caldwell CC & TI	0.6	1.2	2.6	0.3	0.2	0.2	0.8	0.2	-	-	-	<0.1
Cape Fear CC	1.2	1.2	3.6	0.4	0.1	0.2	0.4	0.4	-	0.1	0.4	10.1
Carteret CC	1.8	0.7	21.2	0.3	0.2	-	-	0.1	-	1.4	-	1.3
Catawba Vy. CC	0.9	0.8	5.9	0.2	0.4	0.2	-	0.6	-	0.8	0.5	-
C. Carolina CC	1.2	0.8	0.6	-	0.2	-	-	0.6	8.9	-	-	0.6
C. Piedmont CC	0.6	0.9	3.8	0.7	0.7	0.4	-	1.2	-	-	-	0.5
Cleveland CC	1.6	0.6	3.9	0.6	0.7	0.4	0.1	0.3	-	0.1	0.3	-
Coastal Car. CC	1.0	0.9	1.5	0.6	0.4	0.1	0.1	0.4	-	-	1.8	-
Col. Albemarle	1.5	1.0	5.5	0.3	0.3	-	0.5	0.4	-	-	-	0.4
Craven CC	1.0	1.1	1.6	-	0.2	0.4	-	0.4	-	-	-	-
Davidson Co. CC	2.0	0.7	3.8	0.4	1.9	0.1	0.3	0.4	-	1.0	-	-
Durham TCC	2.2	1.0	4.3	1.5	0.8	0.3	0.6	0.4	-	2.0	-	-
Edgecombe CC	2.0	0.7	5.2	-	0.2	0.2	0.5	0.5	-	-	5.1	-
Fayettev'le TCC	1.4	1.3	4.0	0.7	0.3	0.1	0.6	0.6	-	0.2	-	0.6
Forsyth TCC	2.0	0.6	2.3	0.3	0.3	0.1	0.8	0.5	-	0.1	-	-
Gaston Col.	1.1	0.5	4.6	-	0.3	0.2	0.2	0.2	-	-	-	-
Guilford TCC	1.5	0.8	4.4	0.4	1.2	0.1	0.5	0.8	-	0.1	0.7	-
Halifax CC	1.1	0.5	7.0	1.5	0.7	0.4	0.5	0.7	-	-	0.8	-
Haywood CC	0.8	0.4	1.7	0.5	0.2	0.1	1.0	0.2	-	1.3	-	0.4
Isothermal CC	1.3	1.1	2.8	0.3	0.2	0.2	0.2	0.6	-	-	-	-
J. Sprunt CC	3.5	1.8	1.7	-	0.4	-	-	1.3	-	0.2	-	-
Johnston CC	0.7	0.9	4.8	0.2	0.4	-	0.1	0.3	-	0.1	-	-
Lenoir CC	0.6	1.1	4.5	0.3	0.9	-	1.0	0.4	-	0.7	-	6.4
Martin CC	0.6	0.7	1.1	0.2	0.2	-	-	0.2	-	-	-	13.7
Mayland CC	2.7	0.7	3.4	1.1	-	-	0.9	0.6	-	-	0.6	-
McDowell TCC	1.3	1.6	5.1	0.3	2.3	0.3	-	0.2	-	-	-	-
Mitchell CC	1.4	1.1	4.7	-	1.0	0.2	0.1	0.5	-	0.1	2.0	-
Montgomery CC	4.2	1.4	2.7	0.2	-	0.5	0.3	0.6	-	0.1	0.2	-
Nash CC	1.5	0.8	9.2	0.7	0.6	0.3	0.4	0.3	-	-	0.1	-
Pamlico CC	2.3	3.1	4.1	0.2	-	1.0	-	0.3	-	-	-	-
Piedmont CC	3.6	1.4	1.8	0.6	2.3	0.3	0.1	0.1	-	1.2	-	-
Pitt CC	0.6	1.3	2.4	0.5	0.5	0.2	-	0.5	-	-	-	-
Randolph CC	1.4	1.0	4.2	1.4	0.7	-	-	0.8	-	-	-	-
Richmond CC	4.3	1.1	5.9	0.1	0.2	0.5	0.1	0.6	-	-	-	-
Roanoke-Cho. CC	1.6	1.0	1.8	0.2	0.4	0.2	0.4	0.2	-	0.4	-	4.4
Robeson CC	1.6	1.2	5.2	0.5	0.5	0.1	0.9	0.8	-	-	-	-
Rockingham CC	1.0	0.8	3.4	0.4	0.9	0.3	0.6	0.4	-	0.1	0.4	0.7
Rowan-Cab. CC	0.6	1.7	1.4	0.3	0.2	0.1	-	0.4	-	-	-	1.1
Sampson CC	3.4	2.4	4.9	0.3	-	0.1	0.2	1.1	-	-	5.8	0.8
Sandhills CC	1.1	0.3	2.0	0.4	2.6	0.2	0.3	0.4	-	<0.1	-	-
Southeastern CC	1.0	1.1	4.0	0.9	-	0.5	0.3	0.6	-	-	0.2	0.9
Southwestern CC	0.8	1.1	5.4	0.3	-	0.2	0.3	1.4	-	1.1	-	-
Stanly CC	2.0	1.3	3.5	0.8	0.1	0.4	0.9	1.2	-	-	-	-
Surry CC	2.0	1.1	1.7	0.3	0.5	0.3	0.3	0.3	-	0.6	-	3.7
Tri-County CC	0.8	0.7	10.7	0.6	-	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.1	1.0	4.4	0.7	0.2	-	2.0	0.4	-	0.1	0.4	-
Wake TCC	1.8	0.5	4.2	0.6	0.8	0.3	0.2	0.6	-	-	0.1	0.5
Wayne CC	1.3	0.5	1.2	0.4	0.8	0.1	0.3	0.3	-	-	0.4	-
W. Piedmont CC	1.1	1.0	3.2	0.4	-	2.3	0.4	0.5	-	-	-	-
Wilkes CC	1.5	0.8	2.7	-	-	0.2	0.3	0.1	3.5	0.2	-	-
Wilson TCC	2.3	1.3	2.7	0.4	0.6	0.1	<0.1	1.0	-	-	-	-
TOTAL	1.4	0.9	3.8	0.4	0.6	0.2	0.3	0.5	0.3	0.3	0.4	1.0

TABLE 15:

ASSIGNABLE AREA BY ROOM CODE

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed which includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on pp. 117-118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth edition). This updated manual incorporates the codes and definitions presented in the 1992 national Postsecondary Education Facilities Inventory and Classification Manual.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Use Code	Norm (%)	All N.C. Institutions 1996 (%)
Classroom (Series 100)	**8.0**	**7.8**
Laboratory (Series 200)	**14.5**	**14.6**
Office (Series 300)	**13.0**	**17.8**
Study (Series 400)	**6.8**	**7.1**
Special Use (Series 500)	**8.9**	**9.5**
General Use (Series 600)	**12.0**	**11.9**
Support (Series 700)	**6.5**	**5.4**
Health Care (Series 800)	**1.4**	**3.4**
Residential (Series 900)	**26.7**	**20.8**
Unclassified (Series 000)	**2.2**	**1.7**

Room Use Codes

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Open Laboratory
225 Open Laboratory Service
250 Research/Nonclass Laboratory
255 Research/Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room
355 Conference Room Service

400 Study Facilities
410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic or Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic or Physical Ed. Svc.
530 Media Production
535 Media Production Service
540 Clinic
545 Clinic Service
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other (All Purpose)

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facility
635 Food Facility Service
640 Day Care
645 Day Care Service
650 Lounge
655 Lounge Service
660 Merchandising
665 Merchandising Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service

700 Support Facilities
710 Central Computer or Telecommunications
715 Central Computer or Telecommunications Service
720 Shop
725 Shop Service
730 Central Storage
735 Central Storage Service
740 Vehicle Storage
745 Vehicle Storage Service
750 Central Service
755 Central Service Support
760 Hazardous Materials
765 Hazardous Materials Service

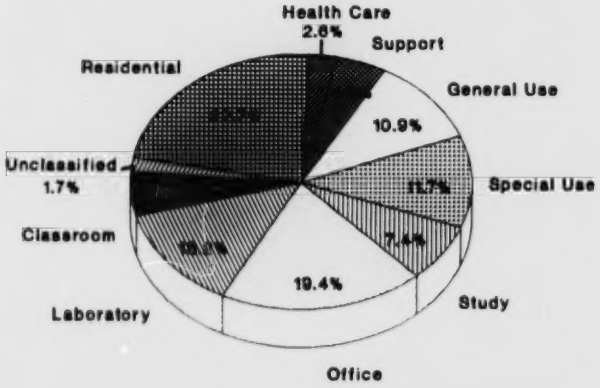
800 Health Care Facilities
810 Patient Bedroom
815 Patient Bedroom Service
820 Patient Bath
830 Nurse Station

835 Nurse Station Service
840 Surgery
845 Surgery Service
850 Treatment/Examination
855 Treatment/Examination Service
860 Diagnostic Service Laboratory
865 Diagnostic Service Laboratory Support
870 Central Supplies
880 Public Waiting
890 Staff On-Call Facility
895 Staff On-Call Facility Service

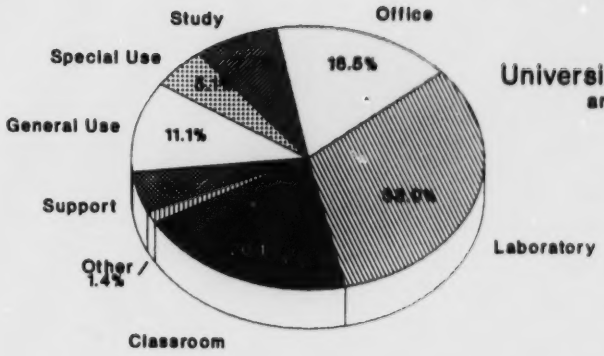
900 Residential Facilities
910 Sleep/Study without Toilet or Bath
910X Sleep/Study without Toilet or Bath Designed and Equipped for Mobility Impaired
919 Toilet or Bath
919X Toilet or Bath Designed and Equipped for Mobility Impaired
920 Sleep/Study with Toilet or Bath
920X Sleep/Study with Toilet or Bath Designed and Equipped for Mobility Impaired
935 Sleep/Study Service
950 Apartment
950X Apartment Equipped for Mobility Impaired
955 Apartment Service
970 House

000 Unclassified Facilities
010 Elevator
011 Men's Toilet Equipped for Mobility Impaired
012 Women's Toilet Equipped for Mobility Impaired
013 Unisex Toilet Equipped for Mobility Impaired
050 Inactive Area
060 Alteration or Conversion Area
070 Unfinished Area

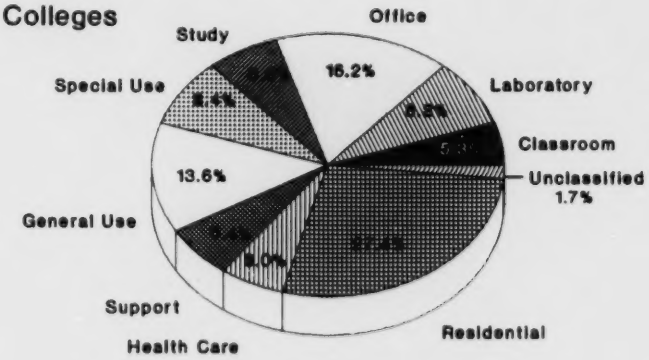
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100) ASF	%	Laboratory Facilities (200) ASF	%	Office Facilities (300) ASF	%	Study Facilities (400) ASF	%
Research Univ. I:									
NC State	5,972,252	204,609	3.4	1,164,368	19.5	1,131,785	19.0	249,879	4.2
NC State Vet.	264,207	7,336	2.8	62,089	23.5	38,677	14.6	12,667	4.8
UNC-Chapel Hill	4,886,559	224,812	4.6	405,275	8.3	914,900	18.7	621,319	12.7
UNC-Health Aff.	1,595,656	54,924	3.4	498,470	31.2	586,103	36.7	65,341	4.1
SUBTOTAL	12,718,674	491,681	3.9	2,130,202	16.7	2,671,465	21.0	949,206	7.5
Doctoral Granting Universities I:									
UNC-Greensboro	1,931,604	123,263	6.4	181,953	9.4	357,375	18.5	156,169	8.1
Comprehensive I Universities:									
Appalachian	2,129,772	156,474	7.3	159,634	7.5	379,152	17.8	70,629	3.3
East Carolina	2,446,049	172,465	7.1	279,750	11.4	405,075	16.6	233,954	9.6
ECU-Health Aff.	539,027	30,505	5.7	128,037	23.8	179,260	33.3	37,364	6.9
Fayetteville	670,423	68,293	10.2	57,944	8.6	114,745	17.1	58,595	8.7
NC A & T	1,576,155	111,976	7.1	264,672	16.8	293,146	18.6	119,578	7.6
NC Central	1,018,993	102,061	10.0	86,644	8.5	179,644	17.6	109,270	10.7
UNC-Charlotte	1,785,431	115,165	6.5	240,585	13.5	323,481	18.1	117,648	6.6
UNC-Pembroke	501,118	48,563	9.7	37,944	7.6	97,230	19.4	30,813	6.1
UNC-Wilmington	1,085,732	77,853	7.2	118,506	10.9	212,386	19.6	116,983	10.8
West'n Carolina	1,600,526	96,912	6.1	131,706	8.2	234,908	14.7	117,931	7.4
SUBTOTAL	13,353,226	980,267	7.3	1,505,422	11.3	2,419,027	18.1	1,012,765	7.6
Comp. II and Lib. Arts I Univ.:									
Elizabeth City	588,941	42,799	7.3	66,375	11.3	78,397	13.3	38,490	6.5
UNC-Asheville	538,756	42,720	7.9	63,994	11.9	82,790	15.4	75,733	14.1
Winston-Salem	706,810	58,887	8.3	43,124	6.1	123,174	17.4	39,832	5.6
SUBTOTAL	1,834,507	144,406	7.9	173,493	9.5	284,361	15.5	154,055	8.4
Specialized Institution:									
NC Sch. of Arts	426,202	18,067	4.2	126,508	29.7	42,911	10.1	19,027	4.5
Teaching Hospitals:									
UNC Hosp. at C. Hill	912,145	7,961	0.9	5,381	0.6	265,232	29.1	4,445	0.5
Community Colleges:									
SUBTOTAL	10,041,764	2,017,874	20.1	3,310,021	33.0	1,659,335	16.5	771,054	7.7
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	9,337,097	311,266	3.3	977,234	10.5	2,244,292	24.0	656,704	7.0
Gen. Baccalaureate Colleges:									
SUBTOTAL	12,837,575	852,097	6.6	884,975	6.9	1,372,768	10.7	806,875	6.3
Junior Colleges:									
SUBTOTAL	479,477	34,319	7.2	24,362	5.1	54,617	11.4	24,311	5.1
GRAND TOTAL	63,872,271	4,981,201	7.8	9,319,551	14.6	11,371,383	17.8	4,554,611	7.1

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Research Univ. I:
1,206,090	20.2	412,920	6.9	398,496	6.7	11,271	0.2	1,097,603	18.4	95,231	1.6	NC State
64,807	24.5	7,845	3.0	15,075	5.7	55,711	21.1	-	-	-	-	NC State Vet.
590,614	12.1	569,484	11.7	298,669	6.1	19,442	0.4	1,173,218	24.0	68,826	1.4	UNC-Chapel Hill
80,346	5.0	44,784	2.8	38,937	2.4	127,229	8.0	430	<0.1	99,092	6.2	UNC-Health Aff.
1,941,857	15.3	1,035,033	8.1	751,177	5.9	213,653	1.7	2,271,251	17.9	263,149	2.1	SUBTOTAL
												Doctoral Granting Universities I:
165,206	8.6	277,913	14.4	95,528	4.9	9,367	0.5	541,642	28.0	23,188	1.2	UNC-Greensboro
												Comprehensive I Universities:
193,837	9.1	356,080	16.7	77,659	3.6	12,219	0.6	721,167	33.9	2,921	0.1	Appalachian
287,275	11.7	251,199	10.3	92,559	3.8	5,975	0.2	716,119	29.3	1,678	0.1	East Carolina
29,952	5.6	6,304	1.2	44,817	8.3	79,483	14.7	-	-	3,305	0.6	ECU-Health Aff.
99,384	14.8	94,137	14.0	27,852	4.2	3,891	0.6	145,582	21.7	-	-	Fayetteville
191,764	12.2	166,990	10.6	25,984	1.6	6,148	0.4	355,311	22.5	40,586	2.6	NC A & T
136,857	13.4	103,504	10.2	29,691	2.9	4,727	0.5	259,881	25.5	6,714	0.7	NC Central
100,739	5.6	235,364	13.2	28,551	1.6	6,779	0.4	580,944	32.5	36,175	2.0	UNC-Charlotte
65,716	13.1	85,382	17.0	21,257	4.2	2,965	0.6	110,430	22.0	818	0.2	UNC-Pembroke
103,056	9.5	127,743	11.8	37,113	3.4	1,534	0.1	287,967	26.5	2,591	0.2	UNC-Wilmington
144,549	9.0	247,641	15.5	70,084	4.4	3,870	0.2	504,492	31.5	48,433	3.0	West'n Carolina
1,353,129	10.1	1,674,344	12.5	455,567	3.4	127,591	1.0	3,681,893	27.6	143,221	1.1	SUBTOTAL
												Comp. II and Lib. Arts I Univ.:
64,852	11.0	95,099	16.1	16,179	2.7	4,862	0.8	181,888	30.9	-	-	Elizabeth City
38,574	7.2	75,738	14.1	18,270	3.4	1,192	0.2	133,215	24.7	6,530	1.2	UNC-Asheville
67,768	9.6	106,354	15.0	25,439	3.6	2,500	0.4	172,171	24.4	67,561	9.6	Winston-Salem
171,194	9.3	277,191	15.1	59,888	3.3	8,554	0.5	487,274	26.6	74,091	4.0	SUBTOTAL
												Specialized Institution:
11,729	2.8	73,975	17.4	19,064	4.5	1,814	0.4	92,288	21.7	20,819	4.9	NC Sch. of Arts
												Teaching Hospitals:
5,808	0.6	47,778	5.2	103,543	11.4	463,077	50.8	3,505	0.4	5,415	0.6	UNC Hosp. at C. Hill
												Community Colleges:
512,095	5.1	1,115,913	11.1	512,751	5.1	2,035	<0.1	9,789	0.1	130,897	1.3	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
518,076	5.5	895,579	9.6	603,276	6.5	1,317,494	14.1	1,664,807	17.8	148,369	1.6	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,356,321	10.6	2,092,479	16.3	836,052	6.5	43,586	0.3	4,381,944	34.1	210,478	1.6	SUBTOTAL
												Junior Colleges:
39,816	8.3	99,804	20.8	8,465	1.8	5,015	1.0	154,447	32.2	34,321	7.2	SUBTOTAL
6,075,231	9.5	7,590,009	11.9	3,445,311	5.4	2,192,186	3.4	13,288,840	20.8	1,053,948	1.7	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	178,920	44,257	24.7	74,005	41.4	30,287	16.9	8,014	4.5
Anson CC	39,793	6,073	15.3	14,008	35.2	8,418	21.2	4,758	12.0
Ashev'le-Bun. TCC	314,971	68,779	21.8	120,862	38.4	45,091	14.3	18,989	6.0
Beaufort Co. CC	131,866	22,050	16.7	42,684	32.4	26,534	20.1	9,194	7.0
Bladen CC	82,249	11,819	14.4	28,461	34.6	9,882	12.0	5,240	6.4
Blue Ridge CC	182,641	36,009	19.7	78,274	42.9	18,530	10.1	11,696	6.4
Brunswick CC	115,778	16,962	14.7	25,131	21.7	15,318	13.2	6,958	6.0
Caldwell CC & TI	191,586	30,371	15.9	58,408	30.5	23,070	12.0	12,941	6.8
Cape Fear CC	179,172	35,316	19.7	62,363	34.8	34,710	19.4	13,067	7.3
Carteret CC	112,266	18,125	16.1	31,066	27.7	14,189	12.6	7,073	6.3
Catawba Vy. CC	227,431	41,676	18.3	97,868	43.0	34,852	15.3	15,702	6.9
C. Carolina CC	207,784	43,718	21.0	76,716	36.9	29,575	14.2	12,979	6.2
C. Piedmont CC	602,160	140,234	23.3	196,467	32.6	116,691	19.4	45,525	7.6
Cleveland CC	136,791	21,214	15.5	45,052	32.9	18,293	13.4	15,613	11.4
Coastal Car. CC	195,312	47,257	24.2	70,391	36.0	32,917	16.9	15,190	7.8
Col. Albemarle	128,766	20,878	16.2	33,066	25.7	21,447	16.7	18,402	14.3
Craven CC	109,498	29,847	27.3	38,801	35.4	15,831	14.5	14,397	13.1
Davidson Co. CC	190,428	44,265	23.2	50,690	26.6	33,544	17.6	17,220	9.0
Durham TCC	196,682	47,306	24.1	68,132	34.6	35,980	18.3	14,965	7.6
Edgecombe CC	126,549	29,659	23.4	37,440	29.6	19,306	15.3	10,527	8.3
Fayettev'le TCC	383,090	100,486	26.2	104,701	27.3	73,536	19.2	19,115	5.0
Forsyth TCC	364,165	74,191	20.4	132,358	36.3	73,018	20.1	21,278	5.8
Gaston Col.	256,688	49,721	19.4	96,266	37.5	37,019	14.4	22,661	8.8
Guilford TCC	518,756	137,397	26.5	171,082	33.0	94,411	18.2	31,112	6.0
Halifax CC	124,858	27,763	22.2	37,779	30.3	23,785	19.0	10,123	8.1
Haywood CC	210,702	16,853	8.0	91,011	43.2	26,601	12.6	6,490	3.1
Isothermal CC	169,036	25,115	14.9	62,153	36.8	20,858	12.3	11,793	7.0
J. Sprunt CC	90,467	19,078	21.1	23,525	26.0	23,270	25.7	4,368	4.8
Johnston CC	160,763	28,801	17.9	51,666	32.1	15,623	9.7	9,177	5.7
Lenoir CC	208,036	44,496	21.4	46,929	22.6	28,062	13.5	15,345	7.4
Martin CC	177,382	14,098	7.9	41,772	23.5	17,195	9.7	12,823	7.2
Mayland CC	65,769	14,417	21.9	14,668	22.3	13,171	20.0	8,976	13.6
McDowell TCC	71,561	10,168	14.2	31,755	44.4	11,512	16.1	4,962	6.9
Mitchell CC	182,625	38,936	21.3	42,469	23.3	27,539	15.1	13,351	7.3
Montgomery CC	54,518	6,294	11.5	27,475	50.4	8,646	15.9	2,829	5.2
Nash CC	109,223	27,006	24.7	37,980	34.8	17,085	15.6	11,795	10.8
Pamlico CC	28,395	5,265	18.5	9,166	32.3	4,775	16.8	4,224	14.9
Piedmont CC	99,743	13,248	13.3	37,009	37.1	16,797	16.8	7,465	7.5
Pitt CC	175,255	35,239	20.1	62,838	35.9	40,030	22.8	19,539	11.1
Randolph CC	166,788	30,220	18.1	71,916	43.1	27,049	16.2	10,543	6.3
Richmond CC	112,109	19,476	17.4	33,767	30.1	23,288	20.8	11,100	9.9
Roanoke-Cho. CC	99,899	11,356	11.4	45,523	45.6	12,516	12.5	9,492	9.5
Robeson CC	136,255	24,539	18.0	42,758	31.4	24,704	18.1	11,650	8.6
Rockingham CC	216,816	41,549	19.2	61,623	28.4	28,940	13.3	14,738	6.8
Rowan-Cab. CC	173,836	45,261	26.0	55,318	31.8	28,748	16.5	17,403	10.0
Sampson CC	87,686	18,926	21.6	22,975	26.2	19,045	21.7	11,242	12.8
Sandhills CC	200,246	37,580	18.8	51,750	25.8	35,039	17.5	19,753	9.9
Southeastern CC	131,596	29,214	22.2	36,430	27.7	23,171	17.6	13,239	10.1
Southwestern CC	145,949	23,063	15.8	45,080	30.9	24,887	17.1	11,160	7.6
Stanly CC	90,247	16,205	18.0	34,926	38.7	19,051	21.1	5,548	6.1
Surry CC	173,201	33,587	19.4	55,310	31.9	29,490	17.0	11,985	6.9
Tri-County CC	82,943	22,345	26.9	25,391	30.6	7,699	9.3	6,222	7.5
Vance-Granv. CC	154,477	32,392	21.0	50,757	32.9	27,525	17.8	9,355	6.1
Wake TCC	292,801	65,713	22.4	79,291	27.1	57,134	19.5	35,460	12.1
Wayne CC	214,270	38,646	18.0	79,231	37.0	38,165	17.8	21,315	9.9
W. Piedmont CC	132,258	26,629	20.1	39,499	29.9	27,889	21.1	15,033	11.4
Wilkes CC	209,760	37,132	17.7	55,581	26.5	27,556	13.1	10,904	5.2
Wilson TCC	118,952	19,654	16.5	50,408	42.4	20,041	16.8	9,036	7.6
TOTAL	10,041,764	2,017,874	20.1	3,310,021	33.0	1,659,335	16.5	771,054	7.7

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
6,886	3.8	9,044	5.1	5,723	3.2	-	-	627	0.4	77	<0.1	Alamance CC
240	0.6	4,001	10.1	2,295	5.8	-	-	-	-	-	-	Anson CC
28,969	9.2	18,641	5.9	12,167	3.9	-	-	-	-	1,473	0.5	Asheville-Bun. TCC
400	0.3	14,964	11.3	9,843	7.5	-	-	-	-	6,197	4.7	Beaufort Co. CC
-	-	14,011	17.0	6,483	7.9	-	-	-	-	6,353	7.7	Bladen CC
11,965	6.6	14,718	8.1	10,702	5.9	-	-	-	-	747	0.4	Blue Ridge CC
2,266	2.0	33,525	29.0	4,203	3.6	112	0.1	-	-	11,303	9.8	Brunswick CC
16,454	8.6	36,864	19.2	13,408	7.0	-	-	-	-	70	<0.1	Caldwell CC & TI
1,145	0.6	10,154	5.7	3,505	2.0	-	-	257	0.1	18,655	10.4	Cape Fear CC
8,943	8.0	7,624	6.8	23,796	21.2	-	-	-	-	1,450	1.3	Carteret CC
10,163	4.5	15,960	7.0	10,118	4.4	-	-	-	-	1,092	0.5	Catawba Vy. CC
10,900	5.2	31,396	15.1	1,186	0.6	-	-	-	-	1,314	0.6	C. Carolina CC
36,888	6.1	42,980	7.1	20,475	3.4	-	-	-	-	2,900	0.5	C. Piedmont CC
11,377	8.3	15,442	11.3	9,568	7.0	-	-	-	-	232	0.2	Cleveland CC
4,032	2.1	15,500	7.9	6,636	3.4	-	-	-	-	3,389	1.7	Coastal Car. CC
159	0.1	25,911	20.1	8,428	6.5	-	-	-	-	475	0.4	Col. Albemarle
1,797	1.6	7,487	6.8	1,338	1.2	-	-	-	-	-	-	Craven CC
16,314	8.6	15,945	8.4	12,450	6.5	-	-	-	-	-	-	Davidson Co. CC
1,913	1.0	17,871	9.1	10,515	5.3	-	-	-	-	-	-	Durham TCC
1,346	1.1	14,003	11.1	8,473	6.7	-	-	-	-	5,795	4.6	Edgecombe CC
17,858	4.7	33,954	8.9	30,649	8.0	378	0.1	-	-	2,413	0.6	Fayettev'le TCC
15,932	4.4	36,440	10.0	10,948	3.0	-	-	-	-	-	-	Forsyth TCC
10,711	4.2	29,610	11.5	9,952	3.9	748	0.3	-	-	-	-	Gaston Col.
9,223	1.8	49,679	9.6	19,034	3.7	-	-	3,124	0.6	3,694	0.7	Guilford TCC
4,975	4.0	10,221	8.2	9,235	7.4	-	-	-	-	977	0.8	Halifax CC
27,392	13.0	32,720	15.5	8,593	4.1	-	-	233	0.1	809	0.4	Haywood CC
25,791	15.3	15,290	9.0	8,036	4.8	-	-	-	-	-	-	Isothermal CC
4,468	4.9	9,215	10.2	6,543	7.2	-	-	-	-	-	-	J. Sprunt CC
11,124	6.9	25,056	15.6	19,316	12.0	-	-	-	-	-	-	Johnston CC
25,614	12.3	23,636	11.4	10,596	5.1	-	-	-	-	13,358	6.4	Lenoir CC
4,740	2.7	57,064	32.2	5,348	3.0	-	-	-	-	24,342	13.7	Martin CC
6,248	9.5	5,413	8.2	2,876	4.4	-	-	-	-	-	-	Mayland CC
-	-	8,653	12.1	4,511	6.3	-	-	-	-	-	-	McDowell TCC
16,406	9.0	28,992	15.9	11,288	6.2	-	-	-	-	3,644	2.0	Mitchell CC
1,766	3.2	5,104	9.4	2,404	4.4	-	-	-	-	-	-	Montgomery CC
-	-	3,569	3.3	11,703	10.7	-	-	-	-	85	0.1	Nash CC
465	1.6	2,114	7.4	2,386	8.4	-	-	-	-	-	-	Pamlico CC
8,814	8.8	12,659	12.7	3,751	3.8	-	-	-	-	-	-	Piedmont CC
6,535	3.7	7,469	4.3	3,605	2.1	-	-	-	-	-	-	Pitt CC
4,769	2.9	14,162	8.5	8,129	4.9	-	-	-	-	-	-	Randolph CC
4,082	3.6	11,732	10.5	8,564	7.6	100	0.1	-	-	-	-	Richmond CC
1,087	1.1	10,014	10.0	5,504	5.5	-	-	-	-	4,407	4.4	Roanoke-Cho. CC
1,747	1.3	24,555	18.0	6,302	4.6	-	-	-	-	-	-	Robeson CC
32,710	15.1	25,953	12.0	9,092	4.2	-	-	-	-	2,211	1.0	Rockingham CC
3,517	2.0	17,755	10.2	3,953	2.3	-	-	-	-	1,881	1.1	Rowan-Cab. CC
1,140	1.3	10,003	11.4	3,648	4.2	-	-	-	-	707	0.8	Sampson CC
12,264	6.1	30,231	15.1	8,081	4.0	-	-	5,548	2.8	-	-	Sandhills CC
11,378	8.6	11,077	8.4	5,658	4.3	-	-	-	-	1,429	1.1	Southeastern CC
2,931	2.0	31,308	21.5	7,520	5.2	-	-	-	-	-	-	Southwestern CC
1,296	1.4	11,108	12.3	2,113	2.3	-	-	-	-	-	-	Stanly CC
16,394	9.5	14,608	8.4	5,455	3.1	-	-	-	-	6,372	3.7	Surry CC
-	-	13,269	16.0	8,017	9.7	-	-	-	-	-	-	Tri-County CC
1,487	1.0	26,620	17.2	5,714	3.7	-	-	-	-	627	0.4	Vance-Granv. CC
11,732	4.0	23,291	8.0	18,126	6.2	328	0.1	-	-	1,726	0.6	Wake TCC
4,499	2.1	17,302	8.1	14,288	6.7	131	0.1	-	-	693	0.3	Wayne CC
5,100	3.9	11,654	8.8	6,400	4.8	54	<0.1	-	-	-	-	W. Piedmont CC
24,254	11.6	39,400	18.8	14,933	7.1	-	-	-	-	-	-	Wilkes CC
1,489	1.3	8,972	7.5	9,168	7.7	184	0.2	-	-	-	-	Wilson TCC
512,095	5.1	1,115,913	11.1	512,751	5.1	2,035	<0.1	9,789	0.1	130,897	1.3	TOTAL

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary with less than ten assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

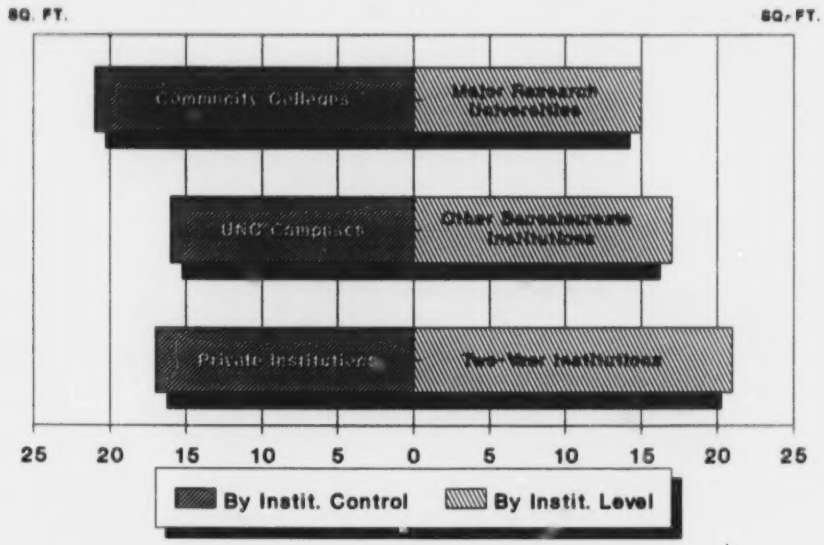
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

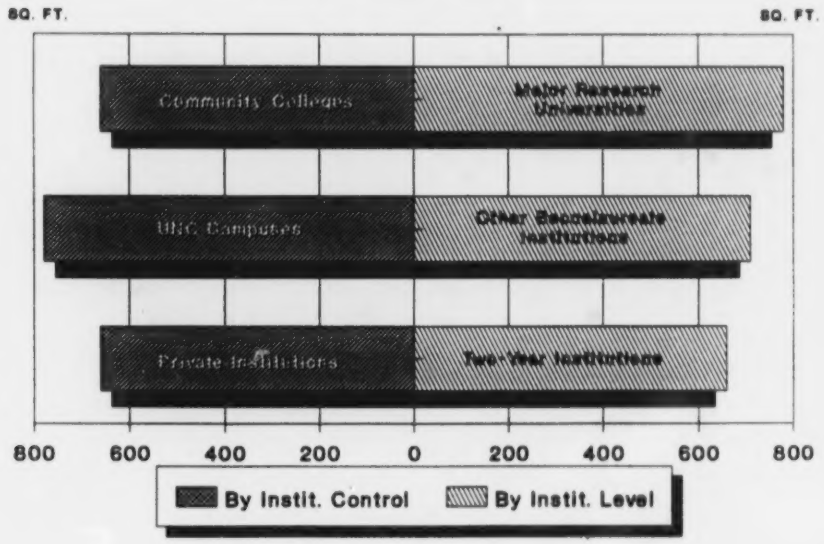
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Research Universities I:									
NC State	237	13,737	58	196,404	14	14	14	14	15
NC State Vet.	5	416	83	6,930	17	17	17	17	17
UNC-Chapel Hill	255	13,924	55	212,312	15	15	15	15	15
UNC-Health Aff.	69	3,776	55	51,365	14	14	14	14	14
SUBTOTAL	566	31,853	56	467,011	15	15	15	15	15
Doctoral Granting Universities I:									
UNC-Greensboro	129	6,972	54	116,288	17	17	17	17	17
Comprehensive I Universities:									
Appalachian	199	8,166	41	151,004	18	18	18	18	18
East Carolina	211	9,982	47	167,316	17	17	17	17	17
ECU-Health Aff.	37	1,655	45	28,794	17	17	17	17	18
Fayetteville	92	3,692	40	64,872	18	18	17	17	17
NC A & T	151	6,764	45	106,993	16	16	15	15	15
NC Central	139	6,204	45	97,645	16	16	16	16	16
UNC-Charlotte	133	7,776	58	109,263	14	14	14	14	13
UNC-Pembroke	70	2,903	41	47,416	16	16	16	16	17
UNC-Wilmington	93	4,966	53	76,207	15	16	15	15	15
West'n Carolina	116	4,855	42	88,456	18	19	18	18	19
SUBTOTAL	1,241	56,963	46	937,966	16	17	16	16	16
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	60	2,598	43	41,644	16	16	16	16	16
UNC-Asheville	57	2,260	40	41,953	19	18	18	18	18
Winston-Salem	70	3,442	49	56,248	16	17	17	17	17
SUBTOTAL	187	8,300	44	139,845	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Specialized Institution:									
NC Sch. of Arts	33	817	25	17,762	22	22	22	22	22
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,966	95,165	32	1,957,872	21	20	20	20	20
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	418	18,368	44	299,698	16	16	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,274	49,727	39	822,322	17	17	16	16	16
Junior Colleges:									
SUBTOTAL	58	1,736	30	33,912	20	19	19	19	19
GRAND TOTAL	6,872	269,901	39	4,792,676	18	18	18	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Community Colleges:									
Alamance CC	55	2,226	40	42,519	19	18	18	18	18
Anson CC	11	291	26	5,982	21	23	23	23	23
Ashev'le-Bun. TCC	98	2,883	29	66,879	23	23	23	23	23
Beaufort Co. CC	37	983	27	20,909	21	21	21	21	21
Bladen CC	17	522	31	11,375	22	21	19	19	20
Blue Ridge CC	51	1,415	28	34,718	25	24	24	24	22
Brunswick CC	29	869	30	16,532	19	20	19	19	23
Caldwell CC & TI	44	1,304	30	29,501	23	23	20	20	20
Cape Fear CC	44	1,402	32	34,305	24	26	22	22	21
Carteret CC	36	980	27	17,522	18	18	18	18	18
Catawba Vy. CC	62	1,722	28	40,129	23	23	23	22	22
C. Carolina CC	70	2,132	30	43,406	20	21	21	21	21
C. Piedmont CC	220	7,974	36	137,224	17	17	17	17	17
Cleveland CC	33	1,115	34	20,407	18	18	18	18	18
Coastal Car. CC	72	2,127	30	46,499	22	21	21	21	21
Col. Albemarle	37	1,271	34	20,674	16	17	16	17	16
Craven CC	47	1,544	33	29,365	19	19	19	19	19
Davidson Co. CC	61	2,265	37	41,687	18	18	18	18	18
Durham TCC	72	2,266	31	46,042	20	20	20	20	19
Edgecombe CC	56	1,389	25	29,074	21	21	20	21	21
Fayettev'le TCC	129	4,669	36	97,265	21	21	21	22	21
Forsyth TCC	104	3,585	34	71,366	20	20	20	20	20
Gaston Col.	69	2,534	37	48,999	19	19	18	19	19
Guilford TCC	193	6,100	32	131,463	22	20	20	20	20
Halifax CC	38	1,182	31	27,461	23	21	20	20	20
Haywood CC	29	723	25	16,473	23	22	22	22	19
Isothermal CC	40	1,159	29	24,587	21	22	22	22	22
J. Sprunt CC	36	821	23	18,718	23	24	25	23	23
Johnston CC	44	1,610	37	25,867	16	16	16	16	16
Lenoir CC	67	1,822	27	42,935	24	22	22	21	22

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Community Colleges:									
Martin CC	19	548	29	13,569	25	20	20	20	20
Mayland CC	23	594	26	13,964	24	24	24	22	22
McDowell TCC	20	432	22	8,815	20	21	21	18	18
Mitchell CC	53	1,747	33	37,913	22	22	22	22	20
Montgomery CC	12	290	24	6,119	21	20	21	20	22
Nash CC	33	1,088	33	25,654	24	22	22	22	22
Pamlico CC	9	210	23	5,265	25	25	23	23	23
Piedmont CC	26	562	22	12,881	23	23	23	23	26
Pitt CC	49	1,662	34	33,179	20	20	20	20	18
Randolph CC	43	986	23	28,999	29	30	29	29	29
Richmond CC	36	975	27	19,204	20	20	20	20	19
Roanoke-Cho. CC	20	565	28	11,263	20	20	20	20	20
Robeson CC	34	1,095	32	23,528	21	22	22	22	22
Rockingham CC	52	1,913	37	39,220	21	21	21	21	21
Rowan-Cab. CC	68	2,384	35	44,722	19	18	18	18	18
Sampson CC	29	868	30	18,500	21	21	22	19	17
Sandhills CC	51	2,049	40	36,674	18	18	18	18	18
Southeastern CC	41	1,731	42	28,593	17	17	17	18	18
Southwestern CC	32	868	27	22,613	26	26	26	26	26
Stanly CC	27	869	32	15,925	18	18	17	17	17
Surry CC	39	1,414	36	32,782	23	21	22	22	22
Tri-County CC	24	769	32	21,999	29	23	23	23	23
Vance-Granv. CC	48	1,382	29	32,247	23	23	21	21	21
Wake TCC	94	3,259	35	65,204	20	20	20	20	20
Wayne CC	60	1,911	32	38,088	20	19	19	18	19
W. Piedmont CC	34	1,191	35	25,786	22	22	22	22	22
Wilkes CC	60	2,082	35	35,758	17	17	18	17	18
Wilson TCC	29	836	29	19,525	23	24	24	24	26
TOTAL	2,966	95,165	32	1,957,872	21	20	20	20	20

TABLE 17:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

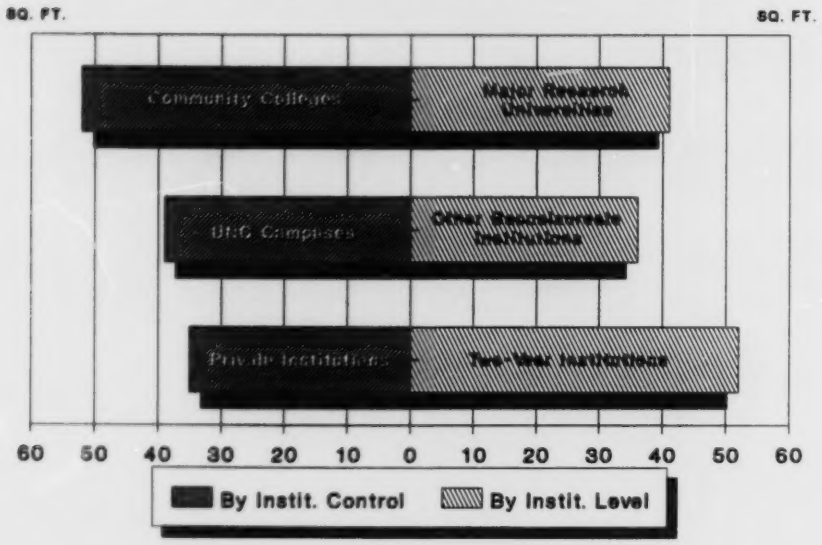
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Manual Two) provide ranges for various types of class laboratories. Data for selected labs are provided below:

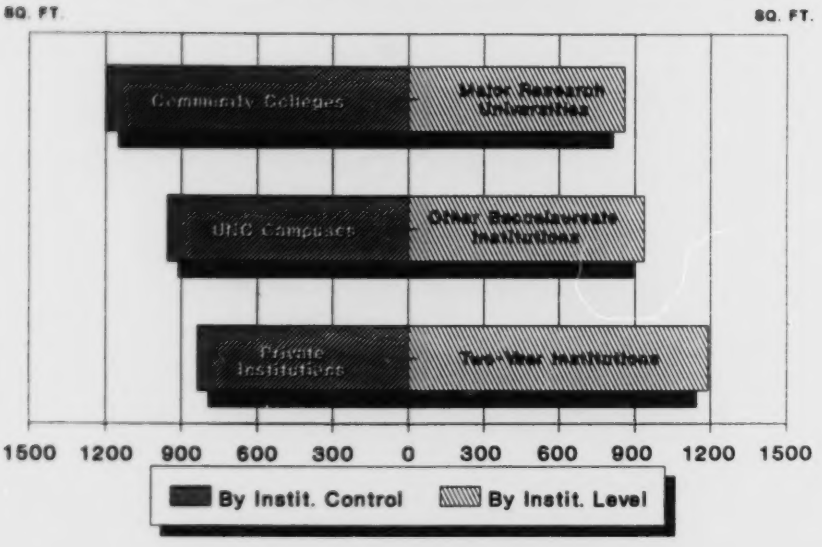
Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Research Universities I:									
NC State	276	6,280	23	272,688	43	44	46	46	45
NC State Vet.	13	287	22	20,560	72	72	58	58	58
UNC-Chapel Hill	84	2,543	30	87,177	34	34	34	34	34
UNC-Health Aff.	132	2,009	15	87,385	43	43	42	42	45
SUBTOTAL	505	11,119	22	467,810	42	42	42	43	42
Doctoral Granting Universities I:									
UNC-Greensboro	60	1,723	29	69,596	40	40	41	41	41
Comprehensive I Universities:									
Appalachian	94	2,207	23	90,688	41	39	39	39	39
East Carolina	114	2,927	26	118,138	40	40	39	39	41
ECU-Health Aff.	25	320	13	20,761	65	65	65	65	65
Fayetteville	37	1,244	34	36,711	30	30	29	28	28
NC A & T	81	2,296	28	75,099	33	33	33	32	32
NC Central	54	1,443	27	48,411	34	34	34	34	33
UNC-Charlotte	94	2,515	27	77,974	31	30	31	31	34
UNC-Pembroke	30	726	24	22,726	31	31	31	31	31
UNC-Wilmington	77	1,532	20	64,669	42	37	37	37	37
West'n Carolina	54	1,442	27	53,984	37	35	39	38	37
SUBTOTAL	660	16,652	25	609,161	37	35	36	36	37
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	38	1,116	29	40,431	36	36	36	37	38
UNC-Asheville	31	883	28	29,163	33	33	33	33	33
Winston-Salem	27	739	27	21,023	28	29	29	29	29
SUBTOTAL	96	2,738	29	90,617	33	33	33	33	34

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Specialized Institution:									
NC Sch. of Arts	50	1,185	24	73,707	62	65	67	67	71
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,227	50,834	23	2,656,288	52	52	53	53	52
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	172	3,106	18	113,766	37	36	39	38	39
Gen. Baccalaureate Colleges:									
SUBTOTAL	599	15,539	26	531,006	34	34	34	34	34
Junior Colleges:									
SUBTOTAL	20	418	21	17,223	41	39	36	36	36
GRAND TOTAL	4,389	103,314	24	4,629,174	45	45	45	45	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Community Colleges:									
Alamance CC	47	1,224	26	53,883	44	43	43	41	41
Anson CC	14	308	22	12,743	41	50	50	50	45
Ashev'le-Bun. TCC	57	1,287	23	90,353	70	70	71	75	71
Beaufort Co. CC	34	780	23	40,240	52	53	55	55	66
Bladen CC	17	352	21	24,425	69	60	58	58	63
Blue Ridge CC	34	699	21	68,975	99	**	96	96	65
Brunswick CC	14	315	23	18,975	60	59	58	61	64
Caldwell CC & TI	42	740	18	52,617	71	72	70	70	74
Cape Fear CC	43	903	21	51,009	56	56	57	57	58
Carteret CC	28	618	22	24,980	40	42	42	42	43
Catawba Vy. CC	61	1,328	22	78,169	59	59	59	61	59
C. Carolina CC	62	1,394	22	60,927	44	47	47	48	49
C. Piedmont CC	123	2,840	23	158,647	56	55	55	49	49
Cleveland CC	44	948	22	39,012	41	40	41	42	40
Coastal Car. CC	48	1,179	25	57,098	48	52	55	55	58
Col. Albemarle	25	557	22	28,478	51	54	50	47	46
Craven CC	28	745	27	27,110	36	36	36	36	35
Davidson Co. CC	40	937	23	39,545	42	44	46	48	48
Durham TCC	45	1,046	23	56,012	54	54	54	52	53
Edgecombe CC	36	655	18	35,712	55	55	56	56	46
Fayettev'le TCC	71	1,751	25	79,816	46	45	46	47	47
Forsyth TCC	71	1,708	24	102,567	60	60	62	60	63
Gaston Col.	38	1,007	27	54,623	54	55	52	54	51
Guilford TCC	105	2,271	22	138,173	61	58	59	59	59
Halifax CC	25	552	22	30,574	55	45	43	43	46
Haywood CC	58	1,129	19	62,220	55	56	56	56	57
Isothermal CC	38	922	24	44,896	49	49	49	50	51
J. Sprunt CC	21	453	22	20,322	45	48	48	56	56
Johnston CC	38	1,042	27	42,761	41	41	41	41	41
Lenoir CC	32	703	22	34,987	50	50	52	46	48

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1996	1995	1994	1993	1992
Community Colleges:									
Martin CC	28	764	27	38,847	51	57	57	57	59
Mayland CC	10	230	23	12,491	54	56	56	56	56
McDowell TCC	23	573	25	28,340	49	49	49	48	48
Mitchell CC	33	782	24	36,791	47	45	50	50	46
Montgomery CC	24	480	20	24,371	51	53	54	60	60
Nash CC	25	461	18	29,083	63	58	70	70	68
Pamlico CC	8	134	17	7,844	59	59	85	85	82
Piedmont CC	24	517	22	29,438	57	57	55	55	55
Pitt CC	53	961	18	51,757	54	54	54	55	52
Randolph CC	48	929	19	61,798	67	66	64	65	65
Richmond CC	21	412	20	28,597	69	69	69	69	68
Roanoke-Cho. CC	16	373	23	19,369	52	50	50	50	50
Robeson CC	33	1,011	31	38,551	38	39	38	38	39
Rockingham CC	43	1,052	24	55,733	53	56	56	55	59
Rowan-Cab. CC	38	976	26	47,136	48	50	52	52	51
Sampson CC	13	304	23	19,482	64	64	66	56	45
Sandhills CC	39	1,006	26	44,008	44	44	44	44	46
Southeastern CC	37	820	22	30,093	37	35	34	36	37
Southwestern CC	34	668	20	35,608	53	53	54	51	51
Stanly CC	33	1,099	33	33,657	31	31	32	32	33
Surry CC	41	979	24	47,715	49	48	48	48	48
Tri-County CC	17	316	19	21,636	68	66	66	66	66
Vance-Granv. CC	41	1,039	25	44,973	43	44	45	45	46
Wake TCC	58	1,089	19	63,069	58	58	57	57	60
Wayne CC	48	1,197	25	58,646	49	51	51	52	52
W. Piedmont CC	26	612	24	30,041	49	50	50	50	50
Wilkes CC	42	1,000	24	46,521	47	47	47	47	51
Wilson TCC	32	657	21	40,844	62	58	59	60	57
TOTAL	2,227	50,834	23	2,656,288	52	52	53	53	52

Student Recreation Center, East Carolina University

Funded entirely by student and user fees, ECU's new 150,000 square-foot Student Recreation Center is the most recent addition in an ongoing building project which is transforming the appearance of the state's third largest university. The central feature of the $18 million facility is a multi-sports forum, which houses six courts for basketball, volleyball, and badminton, seven racquetball courts, a squash court, a rock climbing wall, and an encircling three-lane running track.

Additional spacious areas are provided for fitness as well as recreation. Over 10,000 square feet of space is devoted to a center for weight training and cardiovascular fitness. Three aerobic exercise studios accommodate aerobic dance and martial arts activities. A large natatorium features an eight-lane indoor lap pool, a leisure pool, and an aerobic/instructional area. As a complement to these interior areas, the new center also includes an outdoor pool and sun deck.

Building Characteristics

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Condition of Buildings	156
Estimated Cost to Renovate and Replace Unsatisfactory Facilities	161

TABLE 18

OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.

3 Title vested in holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements).

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a noneducational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Research Universities I:											
NC State	6,893,864	72.2	2,555,928	26.8	-	-	72,082	0.8	255	<0.1	9,544,130
NC State Vet.	408,932	100.0	-	-	-	-	-	-	-	-	408,932
UNC-Chapel Hill	7,429,689	97.6	-	-	-	-	50,135	0.7	130,616	1.7	7,611,691
UNC-Health Aff.	3,103,738	82.1	522,938	13.8	-	-	151,586	4.0	-	-	3,778,262
SUBTOTAL	17,836,223	83.6	3,078,866	14.4	-	-	273,803	1.3	130,871	0.6	21,343,015
Doctoral Granting Universities I:											
UNC-Greensboro	3,293,411	98.9	-	-	-	-	35,950	1.1	-	-	3,329,361
Comprehensive I Universities:											
Appalachian	1,749,689	55.4	1,390,678	44.1	-	-	16,010	0.5	-	-	3,156,377
East Carolina	3,428,102	98.2	-	-	-	-	40,843	1.2	21,140	0.6	3,490,085
ECU-Health Aff.	727,725	89.1	-	-	-	-	56,661	6.9	32,368	4.0	816,754
Fayetteville	830,808	81.4	189,844	18.6	-	-	-	-	-	-	1,020,652
NC A & T	2,259,106	100.0	-	-	-	-	-	-	-	-	2,259,106
NC Central	1,554,543	99.8	-	-	-	-	-	-	3,122	0.2	1,557,665
UNC-Charlotte	2,147,447	66.8	1,068,712	33.2	-	-	-	-	-	-	3,216,159
UNC-Pembroke	736,913	100.0	-	-	-	-	-	-	-	-	736,913
UNC-Wilmington	1,066,534	66.4	538,431	33.5	-	-	-	-	960	0.1	1,605,925
West'n Carolina	1,611,553	68.3	746,441	31.7	-	-	-	-	-	-	2,357,994
SUBTOTAL	16,112,420	79.7	3,934,106	19.5	-	-	113,514	0.6	57,590	0.3	20,217,630
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	707,041	83.9	135,876	16.1	-	-	-	-	-	-	842,917
UNC-Asheville	604,684	70.5	252,737	29.5	-	-	-	-	-	-	857,421
Winston-Salem	953,198	88.2	127,536	11.8	-	-	-	-	-	-	1,080,734
SUBTOTAL	2,264,923	81.4	516,149	18.6	-	-	-	-	-	-	2,781,072
Specialized Institution:											
NC Sch. of Arts	495,337	79.1	102,782	16.4	-	-	16,784	2.7	11,053	1.8	625,956
Teaching Hospitals:											
UNC Hosp. at C. Hill	1,535,313	96.0	-	-	-	-	57,815	3.6	-	-	1,599,849
Community Colleges:											
SUBTOTAL	13,925,690	95.0	-	-	19,142	0.1	335,186	2.3	330,360	2.3	14,656,160
					PRIVATE INSTITUTIONS						
Major Research Universities:											
SUBTOTAL	16,347,020	87.6	138,733	0.7	-	-	27,494	0.1	-	-	18,669,974
Gen. Baccalaureate Colleges:											
SUBTOTAL	16,119,204	88.8	1,728,781	9.5	118,858	0.7	91,467	0.5	85,507	0.5	18,143,817
Junior Colleges:											
SUBTOTAL	436,819	61.6	224,061	31.6	48,038	6.8	-	-	-	-	708,918
GRAND TOTAL	88,366,360	86.6	9,723,478	9.5	186,038	0.2	952,013	0.9	615,381	0.6	102,075,752

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Community Colleges:											
Alamance CC	250,480	95.4	-	-	-	-	9,059	3.4	3,075	1.2	262,614
Anson CC	42,146	76.8	-	-	-	-	-	-	12,729	23.2	54,875
Ashev'le-Bun. TCC	449,968	96.2	-	-	-	-	-	-	18,000	3.8	467,968
Beaufort Co. CC	178,973	100.0	-	-	-	-	-	-	-	-	178,973
Bladen CC	107,170	100.0	-	-	-	-	-	-	-	-	107,170
Blue Ridge CC	229,267	98.6	-	-	-	-	3,200	1.4	-	-	232,467
Brunswick CC	167,687	100.0	-	-	-	-	-	-	-	-	167,687
Caldwell CC & TI	256,658	100.0	-	-	-	-	-	-	-	-	256,658
Cape Fear CC	200,809	75.1	-	-	-	-	2,901	1.1	63,807	23.9	267,517
Carteret CC	145,851	99.1	-	-	-	-	-	-	1,296	0.9	147,147
Catawba Vy. CC	303,292	98.5	-	-	-	-	-	-	4,600	1.5	307,892
C. Carolina CC	253,062	87.6	-	-	-	-	-	-	35,871	12.4	288,933
C. Piedmont CC	1,372,832	93.4	-	-	10,043	0.7	87,660	6.0	-	-	1,470,535
Cleveland CC	193,201	100.0	-	-	-	-	-	-	-	-	193,201
Coastal Car. CC	277,026	100.0	-	-	-	-	-	-	-	-	277,026
Col. Albemarle	161,780	82.0	-	-	-	-	2,100	1.1	33,480	17.0	197,360
Craven CC	144,415	92.2	-	-	-	-	11,307	7.2	864	0.6	156,586
Davidson Co. CC	281,577	100.0	-	-	-	-	-	-	-	-	281,577
Durham TCC	261,197	93.3	-	-	-	-	18,680	6.7	-	-	279,877
Edgecombe CC	184,800	100.0	-	-	-	-	-	-	-	-	184,800
Fayettev'le TCC	495,879	92.4	-	-	-	-	-	-	40,651	7.6	536,530
Forsyth TCC	485,323	93.4	-	-	-	-	2,200	0.4	-	-	519,705
Gaston Col.	356,982	96.4	-	-	-	-	8,946	2.4	4,480	1.2	370,408
Guilford TCC	677,750	91.6	-	-	-	-	62,108	8.4	-	-	739,858
Halifax CC	175,421	100.0	-	-	-	-	-	-	-	-	175,421
Haywood CC	277,130	100.0	-	-	-	-	-	-	-	-	277,130
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	117,057	96.5	-	-	-	-	-	-	4,240	3.5	121,297
Johnston CC	199,273	93.0	-	-	-	-	-	-	14,954	7.0	214,227
Lenoir CC	231,986	85.6	-	-	-	-	5,764	2.1	33,282	12.3	271,032
Martin CC	228,711	99.7	-	-	720	0.3	-	-	-	-	229,431
Mayland CC	79,450	88.3	-	-	-	-	-	-	10,520	11.7	89,970
McDowell TCC	91,087	95.9	-	-	-	-	3,875	4.1	-	-	94,962
Mitchell CC	254,223	100.0	-	-	-	-	-	-	-	-	254,223
Montgomery CC	73,052	95.7	-	-	-	-	1,536	2.0	1,760	2.3	76,348
Nash CC	157,799	100.0	-	-	-	-	-	-	-	-	157,799
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	117,486
Pitt CC	247,660	100.0	-	-	-	-	-	-	-	-	247,660
Randolph CC	218,636	98.5	-	-	-	-	3,268	1.5	-	-	221,904
Richmond CC	156,639	100.0	-	-	-	-	-	-	-	-	156,639
Roanoke-Cho. CC	127,542	93.8	-	-	8,379	6.2	-	-	-	-	135,921
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	183,243
Rockingham CC	306,367	100.0	-	-	-	-	-	-	-	-	306,367
Rowan-Cab. CC	222,410	94.1	-	-	-	-	4,213	1.8	9,625	4.1	236,248
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	117,646
Sandhills CC	274,665	99.5	-	-	-	-	-	-	1,280	0.5	275,945
Southeastern CC	179,709	100.0	-	-	-	-	-	-	-	-	179,709
Southwestern CC	195,442	99.1	-	-	-	-	1,761	0.9	-	-	197,203
Stanly CC	82,484	69.0	-	-	-	-	19,837	16.6	3,696	3.1	119,617
Surry CC	247,238	100.0	-	-	-	-	-	-	-	-	247,238
Tri-County CC	103,973	100.0	-	-	-	-	-	-	-	-	103,973
Vance-Granv. CC	189,366	80.9	-	-	-	-	44,772	19.1	-	-	234,138
Wake TCC	371,960	87.2	-	-	-	-	22,260	5.2	32,150	7.5	426,370
Wayne CC	326,073	96.9	-	-	-	-	10,355	3.1	-	-	336,428
W. Piedmont CC	197,543	100.0	-	-	-	-	-	-	-	-	197,543
Wilkes CC	270,299	96.6	-	-	-	-	9,384	3.4	-	-	279,683
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	165,740
TOTAL	13,925,690	95.0	-	-	19,142	0.1	335,186	2.3	330,360	2.3	14,656,160

Category 6: None
Category 7: Forsyth Technical CC - 32,182 6.2%; Stanly CC - 13,600 11.4%; UNC Hosp. at C.H. - 6,721 0.4%;
Category 8: N.C. State - 22,001 0.2%; UNC at Chapel Hill - 1,251 <0.1%; Priv. Major Res. Univ. - 2,156,727 52.4%;

TABLES 19 & 20:

CAPITAL INVESTMENT IN BUILDINGS

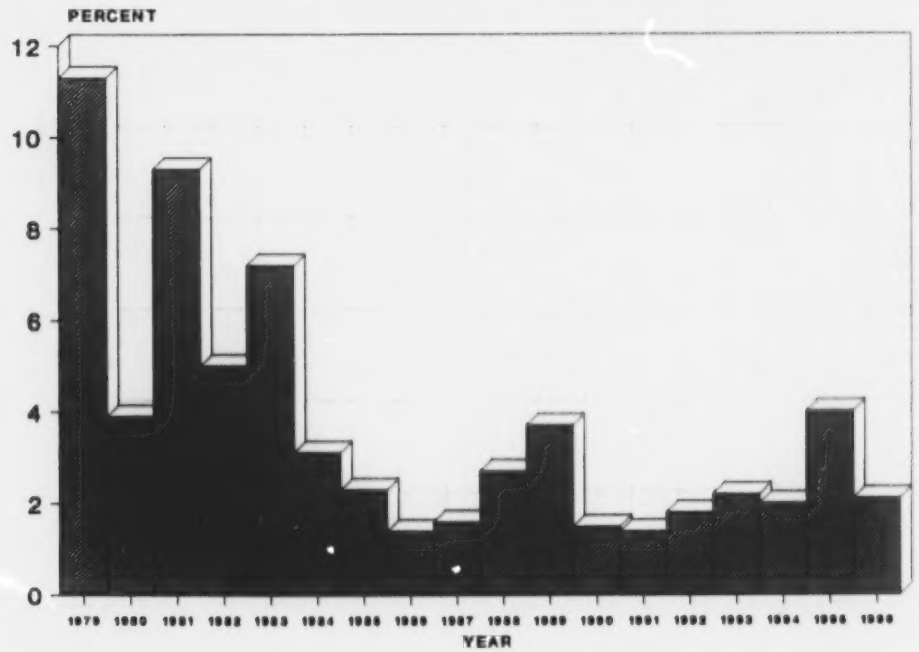
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication were derived by computing an average of the construction cost increases for Charlotte, Durham, Greensboro, Raleigh and Winston-Salem. (For fall 1997, Asheville, Fayetteville, and Wilmington will be added). The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1979. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1979	11.3%	1985	2.3%	1991	1.4%
1980	3.9%	1986	1.4%	1992	1.8%
1981	9.3%	1987	1.6%	1993	2.2%
1982	5.0%	1988	2.7%	1994	2.0%
1983	7.2%	1989	3.7%	1995	4.0%
1984	3.1%	1990	1.5%	1996	2.1%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	690	$ 234,776,812	$ 628,699,581	7,735,533
NC State Vet.	35	24,681,247	39,270,873	408,932
UNC-Chapel Hill	179	217,039,161	752,531,992	5,707,639
UNC-Health Aff.	92	203,916,570	516,734,358	3,778,262
SUBTOTAL	996	680,413,790	1,937,236,804	17,630,366
Doctoral Granting Universities I:				
UNC-Greensboro	52	71,920,480	177,683,060	2,370,018
Comprehensive I Universities:				
Appalachian	54	84,812,038	188,623,540	2,077,209
East Carolina	87	104,516,098	221,429,901	2,454,748
ECU-Health Aff.	41	44,888,977	78,362,680	816,754
Fayetteville	40	38,394,571	69,529,869	771,198
NC A & T	86	62,777,375	154,923,640	1,718,421
NC Central	45	34,553,075	92,606,753	1,098,477
UNC-Charlotte	43	104,915,442	197,476,053	2,265,326
UNC-Pembroke	28	24,310,652	50,615,417	569,364
UNC-Wilmington	59	66,534,503	115,684,740	1,190,273
West'n Carolina	63	54,512,398	139,460,777	1,617,098
SUBTOTAL	546	620,215,129	1,308,713,370	14,578,868
Comprehensive II and Liberal Arts I Universities:				
Elizabeth City	35	22,939,887	52,224,125	559,995
UNC-Asheville	19	33,444,034	54,440,236	629,103
Winston-Salem	22	39,882,022	72,144,782	808,717
SUBTOTAL	76	96,265,943	178,809,143	1,997,815

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	17	$ 15,958,304	$ 49,140,260	486,332
Teaching Hospitals:				
UNC Hosp. at C.H.	26	99,364,861	197,585,174	1,599,849
Community Colleges:				
SUBTOTAL	885	555,095,585	1,119,216,304	14,645,865
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	311	762,566,947	2,256,437,000	16,204,943
Gen. Baccalaureate Colleges:				
SUBTOTAL	786	317,376,404	943,250,058	11,444,639
Junior Colleges:				
SUBTOTAL	33	11,758,889	38,165,560	450,161
GRAND TOTAL	3,728	$3,230,936,332	$8,206,236,733	81,408,856

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	12	$ 14,333,403	$ 26,112,955	261,942
Anson CC	6	1,886,292	3,690,724	54,875
Ashev'le-Bun. TCC	18	19,016,333	37,011,845	467,968
Beaufort Co. CC	10	7,970,608	13,114,457	178,973
Bladen CC	18	2,834,818	7,437,831	107,170
Blue Ridge CC	13	11,319,049	17,917,820	232,467
Brunswick CC	10	10,178,790	13,905,927	167,687
Caldwell CC & TI	11	12,706,846	23,493,560	256,658
Cape Fear CC	11	5,712,637	22,349,339	267,517
Carteret CC	16	4,161,853	12,651,111	147,147
Catawba Vy. CC	17	9,304,058	24,347,786	307,892
C. Carolina CC	18	12,346,869	25,334,177	288,933
C. Piedmont CC	43	34,240,492	82,834,993	1,470,535
Cleveland CC	11	9,031,801	15,507,758	193,201
Coastal Car. CC	14	15,747,357	25,506,790	277,026
Col. Albemarle	11	8,020,940	17,214,386	197,360
Craven CC	14	6,757,343	12,622,145	156,586
Davidson Co. CC	15	11,093,415	21,895,480	281,577
Durham TCC	13	11,419,308	21,440,192	279,877
Edgecombe CC	10	6,848,700	13,600,868	184,800
Fayettev'le TCC	28	16,120,005	36,580,282	536,530
Forsyth TCC	19	16,833,943	39,956,752	519,705
Gaston Col.	29	14,689,115	30,488,043	370,408
Guilford TCC	27	29,986,830	61,422,755	735,580
Halifax CC	10	8,062,352	11,393,382	175,421
Haywood CC	31	11,333,160	19,330,128	277,130
Isothermal CC	15	8,478,885	16,416,880	220,057
J. Sprunt CC	15	3,191,461	8,380,625	121,297
Johnston CC	10	9,739,263	16,480,396	214,227
Lenoir CC	22	7,557,250	19,740,435	271,032

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	13	4,891,455	11,585,449	229,431
Mayland CC	9	4,109,136	7,828,665	89,970
McDowell TCC	7	3,961,452	8,491,300	94,962
Mitchell CC	19	4,589,528	17,816,325	254,223
Montgomery CC	10	2,521,126	4,835,464	76,348
Nash CC	7	7,004,055	10,865,950	157,799
Pamlico CC	4	1,528,200	4,120,949	40,198
Piedmont CC	11	5,610,180	10,189,066	117,486
Pitt CC	29	12,420,676	20,900,642	247,660
Randolph CC	20	9,053,117	16,803,856	221,904
Richmond CC	9	4,984,574	12,399,290	156,639
Roanoke-Cho. CC	8	5,165,869	10,409,031	135,921
Robeson CC	15	8,954,000	14,986,759	183,243
Rockingham CC	14	11,742,103	23,769,323	306,367
Rowan-Cab. CC	12	7,501,016	18,753,144	236,248
Sampson CC	9	4,797,302	8,284,199	117,646
Sandhills CC	27	10,005,467	20,709,402	270,600
Southeastern CC	15	5,387,404	13,334,329	179,709
Southwestern CC	10	9,289,721	15,150,670	197,203
Stanly CC	12	3,346,302	8,909,983	119,617
Surry CC	12	10,426,615	18,455,965	247,238
Tri-County CC	15	3,925,673	8,157,667	103,973
Vance-Granv. CC	14	9,787,958	20,785,108	234,138
Wake TCC	21	16,031,207	31,830,840	426,370
Wayne CC	14	26,045,601	31,083,883	336,428
W. Piedmont CC	15	8,130,986	17,133,229	197,543
Wilkes CC	26	8,373,130	19,796,027	279,683
Wilson TCC	11	4,588,556	13,649,967	165,740
TOTAL	885	$555,095,585	$1,119,216,304	14,645,865

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	78	$ 29,849,189	$ 146,050,542	1,808,597
NC State Vet.	-	-	-	-
UNC-Chapel Hill	42	27,140,065	206,299,188	1,904,052
UNC-Health Aff.	-	-	-	-
SUBTOTAL	120	56,989,254	352,349,730	3,712,649
Doctoral Granting Universities I:				
UNC-Greensboro	24	19,295,800	74,118,845	959,343
Comprehensive I Universities:				
Appalachian	28	29,846,101	84,691,139	1,079,168
East Carolina	17	14,142,200	79,720,698	1,035,337
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	18,947,476	249,454
NC A & T	20	5,986,586	41,372,299	540,685
NC Central	12	5,554,000	35,076,727	459,188
UNC-Charlotte	12	33,239,823	70,167,366	950,833
UNC-Pembroke	7	2,633,000	12,943,130	167,549
UNC-Wilmington	28	18,003,882	33,468,348	415,652
West'n Carolina	21	11,409,250	53,795,617	740,896
SUBTOTAL	154	124,452,842	430,182,800	5,638,762
Comprehensive II and Liberal Arts I Universities:				
Elizabeth City	25	8,110,419	22,222,576	282,922
UNC-Asheville	13	12,435,943	18,789,292	228,318
Winston-Salem	8	9,894,875	20,017,265	272,017
SUBTOTAL	46	30,441,237	61,029,133	783,257

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	15	$ 3,508,000	$ 10,430,812	139,624
Teaching Hospitals:				
UNC Hosp. at C.H.	-	-	-	-
Community Colleges:				
SUBTOTAL	3	138,000	901,565	10,295
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	139	63,397,876	447,324,579	2,465,031
Gen. Baccalaureate Colleges:				
SUBTOTAL	643	141,283,463	511,849,905	6,699,178
Junior Colleges:				
SUBTOTAL	19	3,672,900	21,259,904	258,757
GRAND TOTAL	1,163	$443,179,372	$1,909,447,273	20,666,896

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	$ 4,000	$ 10,793	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	1	82,000	346,246	4,278
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	544,526	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson TCC	-	-	-	-
TOTAL	3	$ 138,000	$ 901,565	10,295

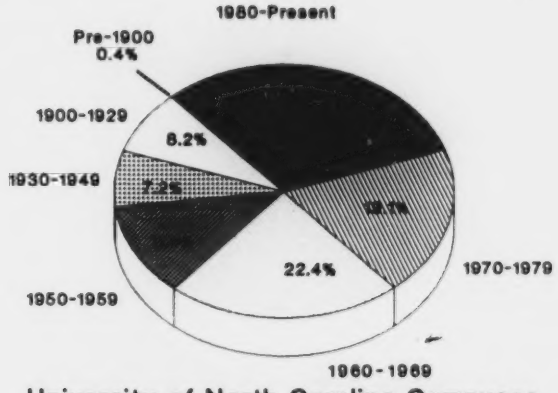
TABLE 21:

AGE OF BUILDINGS

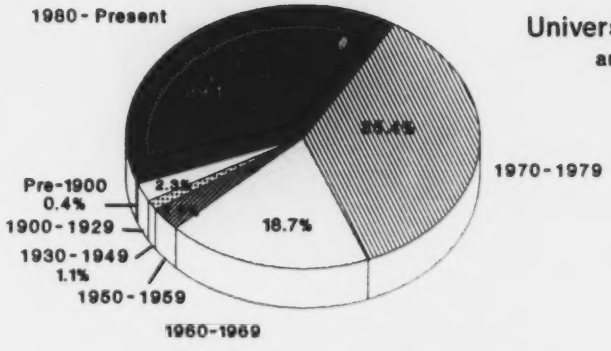
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

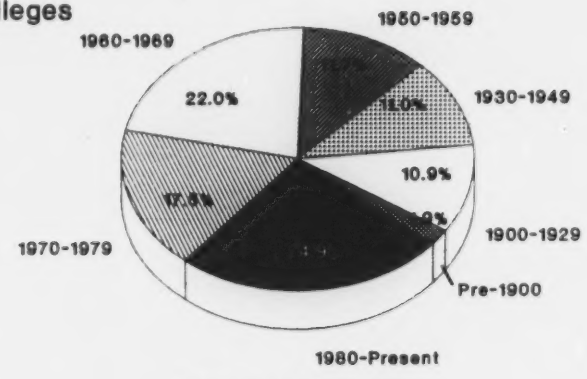
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Research Universities I:								
NC State	9,544,130	48,564	908,828	1,094,795	1,624,726	1,995,968	1,536,213	2,335,036
NC State Vet.	408,932	-	-	28,559	3,979	3,746	3,509	369,139
UNC-Chapel Hill	7,611,691	123,808	1,557,873	838,580	539,679	1,912,383	570,737	2,068,631
UNC-Health Aff.	3,778,262	-	-	139,364	278,218	563,828	1,471,692	1,325,160
SUBTOTAL	21,343,015	172,372	2,466,701	2,101,298	2,446,602	4,475,925	3,582,151	6,097,966
Doctoral Granting Universities I:								
UNC-Greensboro	3,329,361	31,100	631,683	228,587	419,257	483,652	693,713	841,369
Comprehensive I Universities:								
Appalachian	3,156,377	-	85,726	132,263	380,942	1,148,213	670,202	739,031
East Carolina	3,490,085	-	326,082	178,650	409,925	1,250,754	593,402	731,272
ECU-Health Aff.	816,754	-	-	-	25,975	44,791	109,093	636,895
Fayetteville	1,020,652	-	26,913	130,703	70,410	218,938	193,214	380,474
NC A & T	2,259,106	-	102,009	155,758	784,876	379,844	301,161	535,458
NC Central	1,557,665	-	36,379	225,213	469,874	332,330	170,887	322,982
UNC-Charlotte	3,216,159	-	-	-	-	572,310	1,026,471	1,617,378
UNC-Pembroke	736,913	-	-	-	29,220	269,807	318,893	118,993
UNC-Wilmington	1,605,925	-	9,000	12,250	-	234,802	509,674	840,199
West'n Carolina	2,357,994	363	56,107	183,254	332,560	706,902	582,013	496,795
SUBTOTAL	20,217,630	363	642,216	1,018,091	2,503,782	5,158,691	4,475,010	6,419,477
Comp. II and Lib. Arts I Univ.:								
Elizabeth City	842,917	-	91,377	57,955	107,940	157,192	148,883	279,570
UNC-Asheville	857,421	-	6,029	-	-	306,220	95,850	449,322
Winston-Salem	1,080,734	-	71,407	56,786	59,750	224,807	277,422	390,562
SUBTOTAL	2,781,072	-	168,813	114,741	167,690	688,219	522,155	1,119,454
Specialized Institution:								
NC Sch. of Arts	625,956	-	170,063	95,302	26,382	149,021	113,629	71,559
Teaching Hospitals:								
UNC Hosp. at C.H.	1,599,849	-	-	51,256	389,251	241,791	158,969	758,582
Community Colleges:								
SUBTOTAL	14,656,160	50,184	338,237	175,960	427,565	2,738,157	5,191,980	5,734,077
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	18,669,974	35,728	1,481,976	2,339,748	2,123,783	1,931,499	4,398,660	6,358,580
Gen. Baccalaureate Colleges:								
SUBTOTAL	18,143,817	573,041	2,501,280	1,773,868	2,186,685	6,152,050	2,054,606	2,902,287
Junior Colleges:								
SUBTOTAL	708,918	97,326	114,801	22,973	91,382	165,048	122,658	94,730
GRAND TOTAL	102,075,752	960,114	8,515,770	7,921,824	10,782,379	22,184,053	21,313,531	30,398,081

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	262,614	-	28,804	-	600	3,100	116,156	113,954
Anson CC	54,875	8,689	-	-	-	-	24,912	21,274
Asheville-Bun. TCC	467,968	7,797	-	10,411	25,542	111,368	65,513	247,337
Beaufort Co. CC	178,973	-	-	-	-	-	101,257	77,716
Bladen CC	107,170	-	-	-	7,170	-	69,822	30,178
Blue Ridge CC	232,467	-	-	-	-	-	90,872	141,595
Brunswick CC	167,687	-	-	10,326	-	22,989	-	134,372
Caldwell CC & TI	256,658	-	-	-	-	60,471	89,869	106,318
Cape Fear CC	267,517	-	25,444	-	-	49,540	166,109	26,424
Carteret CC	147,147	-	-	18,000	18,974	29,136	52,377	28,660
Catawba Vy. CC	307,892	-	-	1,650	4,600	74,471	153,864	73,307
C. Carolina CC	288,933	-	-	14,250	-	67,102	32,400	175,181
C. Piedmont CC	1,470,535	-	106,968	46,888	106,231	228,191	603,996	378,261
Cleveland CC	193,201	-	-	-	-	1,875	44,921	146,405
Coastal Car. CC	277,026	-	-	-	-	-	171,513	105,513
Col. Albemarle	197,360	-	-	5,268	-	15,000	52,969	124,123
Craven CC	156,586	-	-	-	-	-	73,770	82,816
Davidson Co. CC	281,577	-	-	-	4,846	85,340	99,766	91,625
Durham TCC	279,877	-	-	-	-	91,725	50,082	138,070
Edgecombe CC	184,800	-	37,209	-	-	-	62,385	85,206
Fayettev'le TCC	536,530	-	-	-	40,651	166,963	134,011	194,905
Forsyth TCC	519,705	-	-	-	78,490	159,395	65,331	216,489
Gaston Col.	370,408	-	-	-	-	157,580	107,325	105,503
Guilford TCC	739,858	1,931	44,081	10,850	74,322	123,010	228,443	257,221
Halifax CC	175,421	-	-	-	-	-	79,607	95,814
Haywood CC	277,130	-	-	-	-	25,972	142,764	108,394
Isothermal CC	220,057	-	-	-	-	57,962	119,876	42,219
J. Sprunt CC	121,297	-	-	3,040	-	24,245	76,630	17,382
Johnston CC	214,227	-	-	-	-	-	86,523	127,704
Lenoir CC	271,032	-	-	-	34,880	41,534	155,381	39,237
Martin CC	229,431	-	-	-	-	-	144,151	85,280
Mayland CC	89,970	-	-	-	-	-	36,571	53,399
McDowell TCC	94,962	-	-	-	3,875	30,104	34,739	26,244
Mitchell CC	254,223	31,767	86,106	27,943	-	32,819	75,588	-
Montgomery CC	76,348	-	-	-	-	2,360	64,090	9,898
Nash CC	157,799	-	-	-	-	-	87,474	70,325
Pamlico CC	40,198	-	-	-	-	-	40,198	-
Piedmont CC	117,486	-	-	-	-	-	88,429	29,057
Pitt CC	247,660	-	-	-	-	78,185	42,146	127,329
Randolph CC	221,904	-	-	-	-	44,567	92,077	85,260
Richmond CC	156,639	-	-	9,000	-	56,560	34,785	56,294
Roanoke-Cho. CC	135,921	-	-	-	-	8,379	51,624	75,918
Robeson CC	183,243	-	-	-	-	-	74,419	108,824
Rockingham CC	306,367	-	-	-	-	148,238	63,909	94,220
Rowan-Cab. CC	236,248	-	9,625	-	-	87,138	96,525	42,960
Sampson CC	117,646	-	-	-	-	2,381	51,865	63,400
Sandhills CC	275,945	-	-	-	-	128,165	64,907	82,873
Southeastern CC	179,709	-	-	-	-	77,323	66,014	36,372
Southwestern CC	197,203	-	-	-	-	-	75,826	121,377
Stanly CC	119,617	-	-	-	-	14,131	49,951	55,535
Surry CC	247,238	-	-	-	-	66,452	100,254	80,532
Tri-County CC	103,973	-	-	18,334	-	9,720	17,520	58,399
Vance-Granv. CC	234,138	-	-	-	-	3,069	143,832	87,237
Wake TCC	426,370	-	-	-	-	95,886	103,471	227,013
Wayne CC	336,428	-	-	-	-	14,193	27,949	294,286
W. Piedmont CC	197,543	-	-	-	-	72,716	54,469	70,358
Wilkes CC	279,683	-	-	-	-	107,382	80,941	91,360
Wilson TCC	165,740	-	-	-	27,384	61,420	9,812	67,124
TOTAL	14,656,160	50,184	338,237	175,960	427,565	2,738,157	5,191,980	5,734,077

TABLE 22:

CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. **Definition**. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. **Description**. This building characteristic has the following categories:

   1 - Satisfactory

   Suitable for continued use with normal maintenance.

   2 - Remodeling A

   Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

   3 - Remodeling B

   Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

   4 - Remodeling C

   Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

   5 - Demolition

   Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. This category takes precedence over categories 1-4. If a building is scheduled for demolition, its condition code is recorded as "5-Demolition," regardless of its condition.

   6 - Termination

   Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacating of leased space. This category takes precedence over categories 1-4. If a building is scheduled for termination, its condition code is recorded as "6-Termination," regardless of its condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Research Universities I:													
NC State	3,835,873	40.2	2,534,604	26.6	2,546,998	26.7	564,662	5.9	61,577	0.6	416	<0.1	9,544,130
NC State Vet.	13,186	3.2	347,192	84.9	46,721	11.4	1,833	0.4	-	-	-	-	408,932
UNC-Chapel Hill	4,223,376	55.5	2,256,700	29.6	736,622	9.7	269,766	3.5	121,836	1.6	3,391	<0.1	7,611,691
UNC-Health Aff.	2,904,035	76.9	491,430	13.0	265,515	7.0	6,691	0.2	10,835	0.3	99,756	2.6	3,778,262
SUBTOTAL	10,976,470	51.4	5,629,926	26.4	3,595,856	16.8	842,952	3.9	194,248	0.9	103,563	0.5	21,343,015
Doctoral Granting Universities I:													
UNC-Greensboro	999,391	30.0	900,292	27.0	574,500	17.3	846,849	25.4	-	-	8,329	0.3	3,329,361
Comprehensive I Universities:													
Appalachian	2,693,935	85.3	349,184	11.1	113,258	3.6	-	-	-	-	-	-	3,156,377
East Carolina	1,090,682	31.3	750,733	21.5	1,028,175	29.5	618,677	17.7	1,818	0.1	-	-	3,490,085
ECU-Health Aff.	723,131	88.5	32,611	4.0	59,762	7.3	-	-	-	-	1,250	0.2	816,754
Fayetteville	928,999	91.0	87,236	8.5	4,417	0.4	-	-	-	-	-	-	1,020,652
NC A & T	1,199,928	53.1	812,043	35.9	228,508	10.1	18,627	0.8	-	-	-	-	2,259,106
NC Central	1,113,285	71.5	131,250	8.4	121,652	7.8	179,386	11.5	12,092	0.8	-	-	1,557,665
UNC-Charlotte	2,986,396	92.9	229,763	7.1	-	-	-	-	-	-	-	-	3,216,159
UNC-Pembroke	537,847	73.0	151,762	20.6	20,000	2.7	27,304	3.7	-	-	-	-	736,913
UNC-Wilmington	1,595,597	99.4	9,328	0.6	-	-	1,000	0.1	-	-	-	-	1,605,925
West'n Carolina	1,291,834	54.8	909,423	38.6	28,609	1.2	128,128	5.4	-	-	-	-	2,357,994
SUBTOTAL	14,161,634	70.0	3,463,333	17.1	1,604,381	7.9	973,122	4.8	13,910	0.1	1,250	<0.1	20,217,630
Comp. II and Lib. Arts I Univ.:													
Elizabeth City	442,604	52.5	245,677	29.1	136,536	16.2	18,100	2.1	-	-	-	-	842,917
UNC-Asheville	462,941	54.0	101,879	11.9	150,338	17.5	142,263	16.6	-	-	-	-	857,421
Winston-Salem	291,156	26.9	532,195	49.2	147,744	13.7	97,123	9.0	12,516	1.2	-	-	1,080,734
SUBTOTAL	1,196,701	43.0	879,751	31.6	434,618	15.6	257,486	9.3	12,516	0.5	-	-	2,781,072
Specialized Institution:													
NC Sch. of Arts	583,618	93.2	27,768	4.4	-	-	14,570	2.3	-	-	-	-	625,956
Teaching Hospitals:													
UNC Hosp. at C. H.	1,599,849	100.0	-	-	-	-	-	-	-	-	-	-	1,599,849
Community Colleges:													
SUBTOTAL	12,843,892	87.6	1,256,233	8.6	220,108	1.5	295,251	2.0	15,552	0.1	25,124	0.2	14,656,160
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	18,500,239	99.1	104,892	0.6	61,408	0.3	4,753	<0.1	8,682	<0.1	-	-	18,669,974
Gen. Baccalaureate Colleges:													
SUBTOTAL	15,862,638	87.4	1,356,746	7.5	306,350	1.7	595,928	3.3	11,642	0.1	10,513	0.1	18,143,817
Junior Colleges:													
SUBTOTAL	679,981	95.9	10,015	1.4	11,600	1.6	-	-	7,322	1.0	-	-	708,918
GRAND TOTAL	77,404,413	75.8	13,628,956	13.4	6,798,821	6.7	3,830,911	3.8	263,872	0.3	148,779	0.1	102,075,752

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Community Colleges:													
Alamance CC	233,810	89.0	28,804	11.0	-	-	-	-	-	-	-	-	262,614
Anson CC	21,274	38.8	8,689	15.8	24,912	45.4	-	-	-	-	-	-	54,875
Ashev'le-Bun. TCC	459,379	98.2	792	0.2	7,797	1.7	-	-	-	-	-	-	467,968
Beaufort Co. CC	178,973	100.0	-	-	-	-	-	-	-	-	-	-	178,973
Bladen CC	102,729	95.9	3,841	3.6	-	-	600	0.6	-	-	-	-	107,170
Blue Ridge CC	232,467	100.0	-	-	-	-	-	-	-	-	-	-	232,467
Brunswick CC	134,372	80.1	4,350	2.6	20,314	12.1	-	-	5,976	3.6	2,675	1.6	167,687
Caldwell CC & TI	256,658	100.0	-	-	-	-	-	-	-	-	-	-	256,658
Cape Fear CC	254,257	95.0	-	-	13,260	5.0	-	-	-	-	-	-	267,517
Carteret CC	78,337	53.2	47,517	32.3	5,150	3.5	10,143	6.9	6,000	4.1	-	-	147,147
Catawba Vy. CC	307,892	100.0	-	-	-	-	-	-	-	-	-	-	307,892
C. Carolina CC	274,683	95.1	14,250	4.9	-	-	-	-	-	-	-	-	288,933
C. Piedmont CC	552,766	37.6	892,851	60.7	24,918	1.7	-	-	-	-	-	-	1,470,535
Cleveland CC	193,201	100.0	-	-	-	-	-	-	-	-	-	-	193,201
Coastal Car. CC	277,026	100.0	-	-	-	-	-	-	-	-	-	-	277,026
Col. Albemarle	192,092	97.3	-	-	-	-	5,268	2.7	-	-	-	-	197,360
Craven CC	156,586	100.0	-	-	-	-	-	-	-	-	-	-	156,586
Davidson Co. CC	281,577	100.0	-	-	-	-	-	-	-	-	-	-	281,577
Durham TCC	186,712	66.7	38,016	13.6	-	-	53,709	19.2	1,440	0.5	-	-	279,877
Edgecombe CC	184,800	100.0	-	-	-	-	-	-	-	-	-	-	184,800
Fayettev'le TCC	474,320	88.4	7,399	1.4	11,280	2.1	43,531	8.1	-	-	-	-	536,530
Forsyth TCC	441,215	84.9	78,490	15.1	-	-	-	-	-	-	-	-	519,705
Gaston Col.	370,408	100.0	-	-	-	-	-	-	-	-	-	-	370,408
Guilford TCC	739,858	100.0	-	-	-	-	-	-	-	-	-	-	739,858
Halifax CC	175,421	100.0	-	-	-	-	-	-	-	-	-	-	175,421
Haywood CC	274,730	99.1	2,400	0.9	-	-	-	-	-	-	-	-	277,130
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	118,753	97.9	-	-	-	-	1,272	1.0	1,272	1.0	-	-	121,297
Johnston CC	214,227	100.0	-	-	-	-	-	-	-	-	-	-	214,227
Lenoir CC	228,938	84.5	-	-	-	-	42,094	15.5	-	-	-	-	271,032
Martin CC	217,105	94.6	-	-	-	-	12,326	5.4	-	-	-	-	229,431
Mayland CC	89,970	100.0	-	-	-	-	-	-	-	-	-	-	89,970
McDowell TCC	94,962	100.0	-	-	-	-	-	-	-	-	-	-	94,962
Mitchell CC	15,006	5.9	22,747	8.9	100,962	39.7	115,508	45.4	-	-	-	-	254,223
Montgomery CC	76,348	100.0	-	-	-	-	-	-	-	-	-	-	76,348
Nash CC	157,799	100.0	-	-	-	-	-	-	-	-	-	-	157,799
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	-	-	117,486
Pitt CC	239,404	96.7	-	-	-	-	-	-	-	-	8,256	3.3	247,660
Randolph CC	221,904	100.0	-	-	-	-	-	-	-	-	-	-	221,904
Richmond CC	156,639	100.0	-	-	-	-	-	-	-	-	-	-	156,639
Roanoke-Cho. CC	135,921	100.0	-	-	-	-	-	-	-	-	-	-	135,921
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	-	-	183,243
Rockingham CC	306,367	100.0	-	-	-	-	-	-	-	-	-	-	306,367
Rowan-Cab. CC	236,248	100.0	-	-	-	-	-	-	-	-	-	-	236,248
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	-	-	117,646
Sandhills CC	162,484	58.9	106,087	38.4	4,974	1.8	2,400	0.9	-	-	-	-	275,945
Southeastern CC	179,709	100.0	-	-	-	-	-	-	-	-	-	-	179,709
Southwestern CC	197,203	100.0	-	-	-	-	-	-	-	-	-	-	197,203
Stanly CC	119,617	100.0	-	-	-	-	-	-	-	-	-	-	119,617
Surry CC	247,238	100.0	-	-	-	-	-	-	-	-	-	-	247,238
Tri-County CC	88,168	84.8	-	-	6,541	6.3	8,400	8.1	864	0.8	-	-	103,973
Vance-Granv. CC	234,138	100.0	-	-	-	-	-	-	-	-	-	-	234,138
Wake TCC	426,370	100.0	-	-	-	-	-	-	-	-	-	-	426,370
Wayne CC	322,235	95.8	-	-	-	-	-	-	-	-	14,193	4.2	336,428
W. Piedmont CC	197,543	100.0	-	-	-	-	-	-	-	-	-	-	197,543
Wilkes CC	279,683	100.0	-	-	-	-	-	-	-	-	-	-	279,683
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	-	-	165,740
TOTAL	12,843,892	87.6	1,256,233	8.6	220,108	1.5	295,251	2.0	15,552	0.1	25,124	0.2	14,656,160

TABLE 23:

ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities was estimated in 1989 at over $60 billion.* That figure is generally considered to be significantly higher today.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table.

*Association of Physical Plant Administrators of Universities and Colleges. The Decaying American Campus: A Ticking Time Bomb, 1989.

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Research Universities I:			
NC State	$ 264,626,001	$ 774,750,123	$167,831,632
NC State Vet.	24,681,247	39,270,873	8,131,955
UNC-Chapel Hill	244,179,226	958,831,180	151,614,956
UNC-Health Aff.	203,916,570	516,734,358	45,366,306
SUBTOTAL	737,403,044	2,289,586,534	372,944,849
Doctoral Granting Universities I:			
UNC-Greensboro	91,216,280	251,801,905	82,218,421
Comprehensive I Universities:			
Appalachian	114,658,139	273,314,679	8,665,830
East Carolina	118,658,298	301,150,599	83,000,615
ECU-Health Aff.	44,888,977	78,362,680	2,831,455
Fayetteville	42,032,571	88,477,345	1,370,831
NC A & T	68,763,961	196,295,939	19,690,944
NC Central	40,107,075	127,683,480	17,721,980
UNC-Charlotte	138,155,265	267,643,419	4,488,947
UNC-Pembroke	26,943,652	63,558,547	4,915,078
UNC-Wilmington	84,538,385	149,153,088	259,349
West'n Carolina	65,921,648	193,256,394	23,198,474
SUBTOTAL	744,667,971	1,738,896,170	166,143,503
Comprehensive II and Liberal Arts I Universities:			
Elizabeth City	31,050,306	74,446,701	9,523,456
UNC-Asheville	45,879,977	73,229,528	13,859,818
Winston-Salem	49,776,897	92,162,047	19,716,776
SUBTOTAL	126,707,180	239,838,276	43,100,050

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Specialized Institution:			
NC Sch. of Arts	$ 19,466,304	$ 59,571,072	$ 1,121,103
Teaching Hospitals:			
UNC Hosp. at C.H.	99,364,861	197,585,174	-
Community Colleges:			
SUBTOTAL	555,233,585	1,120,117,869	37,025,610
		PRIVATE INSTITUTIONS	
Major Research Universities:			
SUBTOTAL	825,964,823	2,488,021,716	8,953,899
Gen. Baccalaureate Colleges:			
SUBTOTAL	458,659,867	1,455,099,963	46,459,954
Junior Colleges:			
SUBTOTAL	15,431,789	59,425,464	566,772
GRAND TOTAL	$3,674,115,704	$9,899,944,143	$758,534,161

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

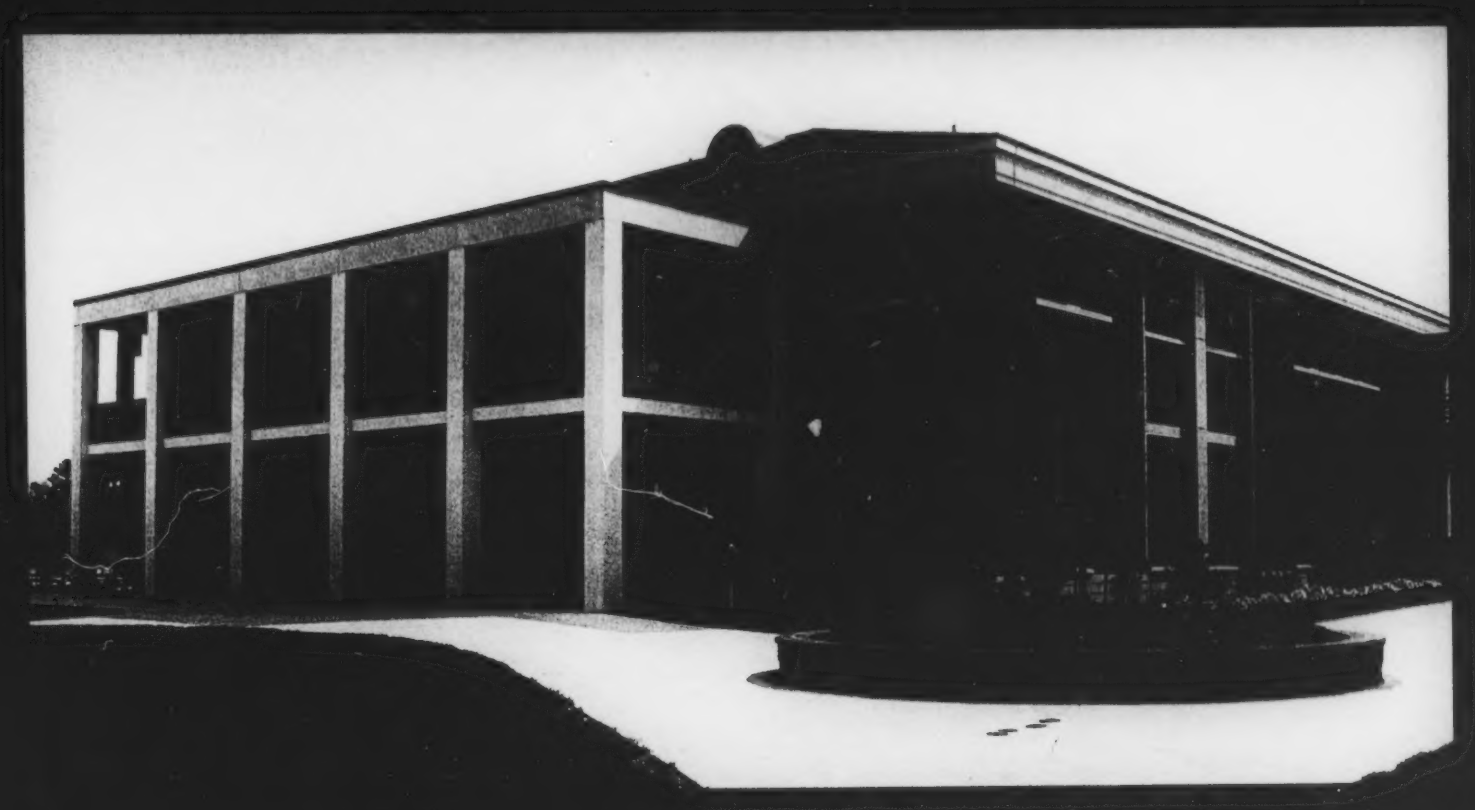
Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 14,337,403	$ 26,123,748	$ 385,026
Anson CC	1,886,292	3,690,724	793,644
Ashev'le-Bun. TCC	19,016,333	37,011,845	249,935
Beaufort Co. CC	7,970,608	13,114,457	-
Bladen CC	2,834,818	7,437,831	16,054
Blue Ridge CC	11,319,049	17,917,820	-
Brunswick CC	10,178,790	13,905,927	1,179,959
Caldwell CC & TI	12,706,846	23,493,560	-
Cape Fear CC	5,712,637	22,349,339	343,200
Carteret CC	4,161,853	12,651,111	1,763,762
Catawba Vy. CC	9,304,058	24,347,786	-
C. Carolina CC	12,346,869	25,334,177	153,150
C. Piedmont CC	34,240,492	82,834,993	9,472,051
Cleveland CC	9,031,801	15,507,758	-
Coastal Car. CC	15,747,357	25,506,790	-
Col. Albemarle	8,020,940	17,214,386	331,758
Craven CC	6,757,343	12,622,145	-
Davidson Co. CC	11,093,415	21,895,480	-
Durham TCC	11,419,308	21,440,192	3,551,607
Edgecombe CC	6,848,700	13,600,868	-
Fayettev'le TCC	16,120,005	36,580,282	2,282,189
Forsyth TCC	16,833,943	39,956,752	1,258,148
Gaston Col.	14,689,115	30,488,043	-
Guilford TCC	30,068,830	61,769,001	-
Halifax CC	8,062,352	11,393,382	-
Haywood CC	11,333,160	19,330,128	36,186
Isothermal CC	8,478,885	16,416,880	-
J. Sprunt CC	3,191,461	8,380,625	48,961
Johnston CC	9,739,263	16,480,396	-
Lenoir CC	7,557,250	19,740,435	2,276,275

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	4,891,455	11,585,449	552,813
Mayland CC	4,109,136	7,828,665	-
McDowell TCC	3,961,452	8,491,300	-
Mitchell CC	4,589,528	17,816,325	9,296,241
Montgomery CC	2,521,126	4,835,464	-
Nash CC	7,004,055	10,865,950	-
Pamlico CC	1,528,200	4,120,949	-
Piedmont CC	5,610,180	10,189,066	-
Pitt CC	12,420,676	20,900,642	240,763
Randolph CC	9,053,117	16,803,856	-
Richmond CC	4,984,574	12,399,290	-
Roanoke-Cho. CC	5,165,869	10,409,031	-
Robeson CC	8,954,000	14,986,759	-
Rockingham CC	11,742,103	23,769,323	-
Rowan-Cab. CC	7,501,016	18,753,144	-
Sampson CC	4,797,302	8,284,199	-
Sandhills CC	10,057,467	21,253,928	1,787,517
Southeastern CC	5,387,404	13,334,329	-
Southwestern CC	9,289,721	15,150,670	-
Stanly CC	3,346,302	8,909,983	-
Surry CC	10,426,615	18,455,965	-
Tri-County CC	3,925,673	8,157,667	637,791
Vance-Granv. CC	9,787,958	20,785,108	-
Wake TCC	16,031,207	31,830,840	-
Wayne CC	26,045,601	31,083,883	368,580
W. Piedmont CC	8,130,986	17,133,229	-
Wilkes CC	8,373,130	19,796,027	-
Wilson TCC	4,588,556	13,649,967	-
TOTAL	$555,233,585	$1,120,117,869	$37,025,610



Agricultural-Automotive and Allied Health Buildings, Wayne Community College

This past year Wayne Community College completed a campus relocation project, based on both location and interior space accessibility, which had been underway for 22 years. With the 1996 completion of the Agriculture-Automotive and Allied Health Buildings, all college programs have been moved from the old South Campus to their permanent northern site.

In addition to providing better visibility and access, the new construction at the now unified campus relieved a situation where several programs had been in crowded, hard to access areas. On the first floor of the Allied Health Building, the Basic Skills programs, including the Literacy Center and Project ENABLE, have been arranged to provide students with a ground-level entry point instead of a previous fourth-floor location. The central features of the Agricultural and Automotive Building are a totally accessible open computer lab and a large multi-purpose classroom. Wayne Community College continues to demonstrate its commitment to the mobility-impaired with a greater than 99 percent assignable square-footage accessibility ratio.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act stated that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The more recent 1990 Americans with Disabilities Act (ADA) reinforced this guideline while providing a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

One of the groups protected by both pieces of legislation is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all of their facilities barrier-free, they do require that an institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of the earlier Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of the original legislation. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country has improved dramatically.

The definition of building space accessibility was broadened in the 1992 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 1993 edition of the N.C. Manual) to include *approach to* a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheelchair or other support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1996	1995	1994	1993	1992
Research Universities I:							
NC State	5,972,252	3,518,635	58.9	57.9	60.0	59.4	58.5
NC State Vet.	264,207	211,707	80.1	80.1	86.0	87.6	87.6
UNC-Chapel Hill	4,886,559	3,118,544	63.8	63.6	63.1	63.0	61.0
UNC-Health Aff.	1,595,656	1,520,872	95.3	95.4	94.6	95.0	94.6
SUBTOTAL	12,718,674	8,369,758	65.8	65.1	66.3	66.1	64.8
Doctoral Granting Universities I:							
UNC-Greensboro	1,931,604	1,299,383	67.3	67.4	67.2	64.7	65.4
Comprehensive I Universities:							
Appalachian	2,129,772	1,359,337	63.8	62.1	58.2	58.3	57.8
East Carolina	2,446,049	1,771,667	72.4	68.2	65.9	64.6	64.0
ECU-Health Aff.	539,027	506,558	94.0	93.7	94.3	94.2	94.1
Fayetteville	670,423	380,925	56.8	56.8	52.2	51.7	51.7
NC A & T	1,576,155	1,238,470	78.6	78.5	78.5	78.4	54.9
NC Central	1,018,993	743,329	72.9	72.2	72.0	72.0	71.8
UNC-Charlotte	1,785,431	1,555,834	87.1	86.5	86.4	86.7	86.7
UNC-Pembroke	501,118	361,983	72.2	69.6	68.7	68.6	67.5
UNC-Wilmington	1,085,732	665,072	61.3	57.5	56.5	54.7	62.9
West'n Carolina	1,600,526	1,127,715	70.5	69.3	68.8	68.4	67.2
SUBTOTAL	13,353,226	9,710,890	72.7	70.9	69.6	69.2	66.6
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	588,941	430,591	73.1	73.1	73.1	70.6	70.6
UNC-Asheville	538,756	463,445	86.0	86.2	85.8	85.9	85.9
Winston-Salem	706,810	482,406	68.3	66.1	65.2	61.5	61.5
SUBTOTAL	1,834,507	1,376,442	75.0	74.5	73.8	71.1	70.9

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1996	1995	1994	1993	1992
Specialized Institution:							
NC Sch. of Arts	426,202	300,464	70.5	72.6	72.6	72.6	73.0
Teaching Hospitals:							
UNC Hosp. at C.H.	912,145	906,635	99.4	99.1	99.1	99.2	99.1
Community Colleges:							
SUBTOTAL	10,041,764	9,525,331	94.9	94.6	94.5	94.2	94.1
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	9,337,097	6,787,394	72.7	72.5	68.7	67.4	67.1
Gen. Baccalaureate Colleges:							
SUBTOTAL	12,837,575	5,987,420	46.6	45.8	44.7	44.0	42.9
Junior Colleges:							
SUBTOTAL	479,477	219,751	45.8	45.4	49.3	48.9	48.8
GRAND TOTAL	63,872,271	44,483,468	69.6	68.7	67.9	67.2	66.1

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1996	1995	1994	1993	1992
Community Colleges:							
Alamance CC	178,920	175,973	98.4	98.0	99.4	99.4	99.4
Anson CC	39,793	34,699	87.2	85.6	85.6	86.2	85.3
Ashev'le-Bun. TCC	314,971	294,311	93.4	93.4	92.9	92.9	92.9
Beaufort Co. CC	131,866	128,165	97.2	97.0	97.0	96.0	94.1
Bladen CC	82,249	79,218	96.3	95.9	95.9	95.9	95.9
Blue Ridge CC	182,641	181,795	99.5	99.5	99.5	99.7	99.5
Brunswick CC	115,778	106,426	91.9	91.9	91.9	91.9	96.5
Caldwell CC & TI	191,586	173,574	90.6	90.6	90.6	90.1	95.2
Cape Fear CC	179,172	175,495	97.9	97.9	97.5	97.5	97.6
Carteret CC	112,266	96,754	86.2	84.8	84.5	83.7	84.6
Catawba Vy. CC	227,431	218,699	96.2	96.2	96.2	95.7	95.7
C. Carolina CC	207,784	203,744	98.1	97.8	97.8	97.8	97.8
C. Piedmont CC	602,160	578,317	96.0	95.0	96.0	95.1	94.2
Cleveland CC	136,791	134,145	98.1	98.7	98.7	98.7	98.7
Coastal Car. CC	195,312	195,312	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	128,766	128,666	99.9	99.9	99.9	99.9	99.9
Craven CC	109,498	109,038	99.6	99.6	99.6	99.6	99.6
Davidson Co. CC	190,428	186,613	98.0	98.0	98.0	98.4	98.4
Durham TCC	196,682	195,536	99.4	99.4	99.4	94.1	93.3
Edgecombe CC	126,549	107,458	84.9	84.0	84.0	84.0	84.2
Fayettev'le TCC	383,090	355,405	92.8	92.8	93.1	93.1	93.1
Forsyth TCC	364,165	358,626	98.5	98.4	98.5	98.5	98.5
Gaston Col.	256,688	227,318	88.6	87.6	84.9	86.2	86.2
Guilford TCC	518,756	472,071	91.0	87.5	87.5	85.7	84.5
Halifax CC	124,858	124,134	99.4	99.4	99.3	99.3	99.3
Haywood CC	210,702	192,793	91.5	91.5	91.5	91.5	89.1
Isothermal CC	169,036	150,754	89.2	89.2	88.4	88.4	88.4
J. Sprunt CC	90,467	83,988	92.8	92.8	93.4	93.2	93.2
Johnston CC	160,763	159,194	99.0	99.0	98.9	98.9	98.9
Lenoir CC	208,036	201,112	96.7	98.4	98.4	98.3	98.2

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1996	1995	1994	1993	1992
Community Colleges:							
Martin CC	177,382	135,997	76.7	84.1	84.1	83.8	83.8
Mayland CC	65,769	65,147	99.1	99.1	99.1	98.9	98.9
McDowell TCC	71,561	68,824	96.2	96.2	96.2	96.2	96.2
Mitchell CC	182,625	144,857	79.3	76.0	76.0	76.0	76.0
Montgomery CC	54,518	51,182	93.9	96.1	96.1	96.1	99.7
Nash CC	109,223	107,955	98.8	98.7	98.7	98.7	98.7
Pamlico CC	28,395	27,166	95.7	95.7	95.7	95.7	95.7
Piedmont CC	99,743	97,875	98.1	98.1	98.8	98.8	98.7
Pitt CC	175,255	166,389	94.9	94.9	94.9	94.9	91.4
Randolph CC	166,788	166,788	100.0	100.0	100.0	100.0	100.0
Richmond CC	112,109	104,408	93.1	93.1	91.6	91.6	91.6
Roanoke-Cho. CC	99,899	96,231	96.3	96.3	96.3	96.3	96.3
Robeson CC	136,255	132,951	97.6	97.6	97.6	97.6	97.6
Rockingham CC	216,816	203,872	94.0	91.2	91.2	92.0	92.0
Rowan-Cab. CC	173,836	173,836	100.0	100.0	100.0	100.0	100.0
Sampson CC	87,686	86,026	98.1	98.1	98.1	98.1	98.1
Sandhills CC	200,246	187,203	93.5	93.5	93.5	93.5	93.5
Southeastern CC	131,596	122,101	92.8	91.8	92.1	92.1	91.6
Southwestern CC	145,949	139,610	95.7	95.7	95.7	95.6	95.6
Stanly CC	90,247	89,775	99.5	100.0	100.0	100.0	100.0
Surry CC	173,201	164,249	94.8	93.5	93.5	93.5	93.5
Tri-County CC	82,943	80,124	96.6	96.6	96.6	96.6	96.6
Vance-Granv. CC	154,477	147,800	95.7	95.2	95.2	95.2	95.1
Wake TCC	292,801	273,154	93.3	93.3	93.3	93.3	93.3
Wayne CC	214,270	214,152	99.9	98.5	98.5	98.5	98.5
W. Piedmont CC	132,258	127,067	96.1	96.1	96.1	96.0	96.3
Wilkes CC	209,760	204,073	97.3	97.2	97.2	96.9	97.3
Wilson TCC	118,952	117,186	98.5	98.5	98.7	98.7	98.4
TOTAL	10,041,764	9,525,331	94.9	94.6	94.5	94.2	94.1

TABLE 25:

ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	In-struc-tion	Re-search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas-signed
		10	20	30	40	50	60	70	80	90	00
Research Universities I:											
NC State	3,518,635	71.1	69.7	66.1	94.3	28.5	56.2	54.4	-	56.9	41.4
NC State Vet.	211,707	60.4	84.7	98.8	97.0	93.1	58.4	94.2	-	-	-
UNC-Chapel Hill	3,118,544	81.1	92.1	74.2	79.3	39.2	69.2	86.7	-	98.1	36.9
UNC-Health Aff.	1,520,872	97.7	94.7	97.9	97.2	100.0	98.1	100.0	-	93.4	79.5
SUBTOTAL	8,369,758	78.1	76.4	80.0	87.0	34.7	63.6	73.7	-	91.4	52.8
Doctoral Granting Universities I:											
UNC-Greensboro	1,299,383	86.8	96.2	-	86.2	49.3	81.0	39.3	-	-	33.3
Comprehensive I Universities:											
Appalachian	1,359,337	77.9	98.1	90.2	93.5	47.2	88.7	92.8	-	100.0	0.0
East Carolina	1,771,667	80.3	74.6	90.5	98.1	61.2	62.9	73.4	-	100.0	0.0
ECU-Health Aff.	506,558	100.0	92.5	99.7	99.9	100.0	74.8	45.8	-	-	0.0
Fayetteville	380,925	77.5	100.0	79.4	85.9	23.5	70.8	26.1	-	0.0	-
NC A & T	1,238,470	90.3	86.5	49.3	88.4	63.1	89.4	81.2	-	0.0	53.4
NC Central	743,329	80.4	47.7	100.0	90.7	60.6	78.4	89.6	-	100.0	26.5
UNC-Charlotte	1,555,834	99.2	100.0	-	98.4	73.9	97.2	100.0	-	-	100.0
UNC-Pembroke	361,983	90.0	-	100.0	99.4	40.6	95.6	99.5	-	-	100.0
UNC-Wilmington	665,072	86.1	51.9	-	63.3	39.8	90.6	98.0	-	89.5	0.0
West'n Carolina	1,127,715	85.6	97.4	100.0	98.6	55.0	59.7	57.6	-	71.4	96.3
SUBTOTAL	9,710,890	85.6	86.9	93.8	91.4	55.5	79.0	77.1	-	77.9	74.9
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	430,591	91.4	-	100.0	97.6	53.5	70.6	100.0	-	-	100.0
UNC-Asheville	463,445	90.1	100.0	100.0	95.1	79.7	61.6	98.7	-	100.0	100.0
Winston-Salem	482,406	70.2	31.7	10.6	86.8	65.8	50.0	90.4	-	100.0	70.0
SUBTOTAL	1,376,442	83.4	65.7	94.1	93.1	65.3	60.2	96.0	-	100.0	72.6
Specialized Institution:											
NC Sch. of Arts	300,464	86.9	-	100.0	93.7	36.1	46.1	99.1	-	100.0	99.5
Teaching Hospitals:											
UNC Hosp. at C. Hill	906,635	100.0	100.0	99.3	-	-	99.9	99.7	-	-	100.0
Community Colleges:											
SUBTOTAL	9,525,331	96.5	-	83.7	96.1	94.9	91.2	79.2	-	99.2	68.1
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	6,787,394	85.4	87.5	94.9	92.4	35.2	67.4	50.8	-	66.7	95.6
Gen. Baccalaureate Colleges:											
SUBTOTAL	5,987,420	66.2	67.9	44.9	82.6	39.4	20.5	45.9	-	14.4	23.0
Junior Colleges:											
SUBTOTAL	219,751	67.9	-	0.0	88.7	38.2	36.0	81.2	-	8.8	2.2
GRAND TOTAL	44,483,468	84.7	80.8	92.9	89.9	46.7	57.7	65.2	-	77.5	58.1

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	175,973	99.7	-	100.0	88.1	100.0	93.8	100.0	-	100.0	100.0
Anson CC	34,699	89.0	-	0.0	81.5	84.7	94.1	100.0	-	-	-
Asheville-Bun. TCC	294,311	94.4	-	0.0	98.2	100.0	75.1	100.0	-	100.0	0.0
Beaufort Co. CC	128,165	98.0	-	100.0	100.0	96.0	89.3	100.0	-	-	100.0
Bladen CC	79,218	98.9	-	-	98.2	96.1	99.5	50.4	-	100.0	100.0
Blue Ridge CC	181,795	99.9	-	100.0	100.0	99.8	93.9	97.5	-	100.0	100.0
Brunswick CC	106,426	94.1	-	69.2	100.0	97.5	97.3	100.0	-	100.0	100.0
Caldwell CC & TI	173,574	92.9	-	-	100.0	100.0	95.3	10.5	-	-	100.0
Cape Fear CC	175,495	97.9	-	100.0	100.0	92.6	99.0	100.0	-	0.0	100.0
Carteret CC	96,754	82.5	-	-	74.0	85.5	100.0	0.0	-	100.0	100.0
Catawba Vy. CC	218,699	100.0	-	-	100.0	100.0	57.9	-	-	100.0	100.0
C. Carolina CC	203,744	98.4	-	100.0	98.5	100.0	99.5	36.8	-	100.0	0.0
C. Piedmont CC	578,317	98.5	-	100.0	94.8	90.8	90.3	92.8	-	-	0.0
Cleveland CC	134,145	98.5	-	100.0	100.0	100.0	89.3	100.0	-	100.0	60.1
Coastal Car. CC	195,312	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Col. Albemarle	128,666	99.9	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Craven CC	109,038	99.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	186,613	98.9	-	0.0	98.6	98.8	99.8	100.0	-	100.0	-
Durham TCC	195,536	99.9	-	100.0	100.0	100.0	100.0	61.1	-	-	10.7
Edgecombe CC	107,458	82.9	-	100.0	98.2	100.0	100.0	100.0	-	100.0	44.3
Fayettev'le TCC	355,405	94.8	-	100.0	99.3	97.5	80.9	46.7	-	100.0	-
Forsyth TCC	358,626	98.1	-	100.0	99.2	98.9	99.8	100.0	-	-	-
Gaston Col.	227,318	97.2	-	0.0	74.1	94.8	85.2	73.9	-	100.0	75.4
Guilford TCC	472,071	92.1	-	88.9	92.5	95.7	94.4	9.7	-	-	100.0
Halifax CC	124,134	100.0	-	100.0	100.0	100.0	99.1	79.2	-	100.0	0.0
Haywood CC	192,793	87.9	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Isothermal CC	150,754	94.4	-	100.0	25.8	83.6	99.8	100.0	-	100.0	-
J. Sprunt CC	83,988	92.1	-	100.0	100.0	96.4	99.0	78.9	-	100.0	-
Johnston CC	159,194	99.8	-	0.0	100.0	100.0	99.0	100.0	-	100.0	100.0
Lenoir CC	201,112	98.1	-	100.0	96.3	100.0	80.9	100.0	-	-	0.0
Martin CC	135,997	95.2	-	100.0	100.0	78.7	97.4	85.4	-	-	100.0
Mayland CC	65,147	99.9	-	100.0	100.0	100.0	90.8	100.0	-	-	-
McDowell TCC	68,824	96.2	-	-	100.0	98.8	89.1	100.0	-	-	-
Mitchell CC	144,857	89.3	-	-	95.6	58.2	51.6	74.1	-	100.0	35.5
Montgomery CC	51,182	90.8	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Nash CC	107,955	99.7	-	100.0	100.0	100.0	93.2	100.0	-	-	100.0
Pamlico CC	27,166	99.9	-	-	100.0	100.0	98.4	0.0	-	-	-
Piedmont CC	97,875	97.0	-	98.8	100.0	100.0	99.4	100.0	-	100.0	-
Pitt CC	166,389	95.5	-	100.0	100.0	82.8	84.7	100.0	-	-	-
Randolph CC	166,788	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Richmond CC	104,408	93.9	-	100.0	95.1	90.1	100.0	40.7	-	-	-
Roanoke-Cho. CC	96,231	100.0	-	100.0	100.0	100.0	99.5	100.0	-	100.0	17.4
Robeson CC	132,951	100.0	-	100.0	100.0	87.9	99.8	100.0	-	-	-
Rockingham CC	203,872	91.5	-	98.0	99.3	98.8	99.9	100.0	-	100.0	100.0
Rowan-Cab. CC	173,836	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Sampson CC	86,026	97.6	-	-	100.0	100.0	99.6	100.0	-	-	91.8
Sandhills CC	187,203	95.5	-	100.0	96.5	96.7	62.0	97.2	-	100.0	-
Southeastern CC	122,101	91.6	-	100.0	99.3	94.8	87.1	100.0	-	-	100.0
Southwestern CC	139,610	100.0	-	0.0	100.0	100.0	99.4	0.0	-	100.0	-
Stanly CC	89,775	100.0	-	100.0	94.2	100.0	99.7	100.0	-	-	-
Surry CC	164,249	93.4	-	-	100.0	96.8	95.2	100.0	-	100.0	100.0
Tri-County CC	80,124	99.1	-	-	83.7	100.0	89.0	-	-	-	-
Vance-Granv. CC	147,800	99.4	-	100.0	86.0	91.1	80.2	100.0	-	0.0	100.0
Wake TCC	273,154	94.5	-	100.0	100.0	99.5	76.4	62.0	-	-	100.0
Wayne CC	214,152	100.0	-	100.0	100.0	99.4	100.0	100.0	-	-	100.0
W. Piedmont CC	127,067	99.5	-	100.0	100.0	99.6	100.0	6.0	-	-	-
Wilkes CC	204,073	97.9	-	0.0	100.0	93.5	99.5	100.0	-	97.4	-
Wilson TCC	117,186	100.0	-	100.0	99.6	100.0	83.0	100.0	-	-	-
TOTAL	9,525,331	96.5	-	83.7	96.1	94.9	91.2	79.2	-	99.2	68.1

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Research Universities I:								
NC State	71.1	-	-	-	100.0	-	-	-
NC State Vet.	60.4	-	-	-	-	-	-	-
UNC-Chapel Hill	80.8	-	27.9	99.6	95.3	-	-	-
UNC-Health Aff.	97.7	-	-	100.0	100.0	-	-	-
SUBTOTAL	77.9	-	27.9	99.6	95.6	-	-	-
Doctoral Granting Universities I:								
UNC-Greensboro	86.7	-	100.0	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	79.6	-	-	64.4	-	-	-	-
East Carolina	80.3	-	100.0	-	-	-	-	-
ECU-Health Aff.	100.0	-	-	-	-	-	-	-
Fayetteville	77.2	-	-	100.0	-	-	-	-
NC A & T	90.3	-	-	-	-	-	-	-
NC Central	80.4	-	95.2	-	-	100.0	-	-
UNC-Charlotte	99.2	-	-	-	-	-	-	-
UNC-Pembroke	89.9	-	100.0	-	-	-	-	-
UNC-Wilmington	86.2	-	-	-	83.0	-	-	-
West'n Carolina	85.2	-	100.0	100.0	100.0	100.0	-	100.0
SUBTOTAL	86.0	-	98.9	66.7	87.0	100.0	-	100.0
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	91.2	-	100.0	-	-	-	-	-
UNC-Asheville	90.1	-	-	-	-	-	-	-
Winston-Salem	69.9	-	84.0	-	-	-	-	-
SUBTOTAL	83.3	-	91.5	-	-	-	-	-

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Commu-nity Svc. 33	Coop. Exten. Svc. 34	Public Broad. Svc. 35	INSTITUTION
							Research Univ. I:
75.5	69.0	-	-	97.3	47.9	64.1	NC State
-	84.7	97.5	99.8	-	-	-	NC State Vet.
92.4	92.1	-	-	82.5	-	0.0	UNC-Chapel Hill
93.3	94.9	98.8	98.3	95.1	0.0	-	UNC-Health Aff.
79.7	76.1	98.4	98.7	91.5	47.6	24.5	SUBTOTAL
							Doctoral Granting Universities I:
100.0	96.2	-	-	-	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	98.1	-	-	90.2	-	-	Appalachian
0.0	85.2	-	0.0	91.5	-	91.8	East Carolina
-	92.5	99.8	99.7	100.0	-	-	ECU-Health Aff.
-	100.0	-	-	78.9	-	100.0	Fayetteville
100.0	79.6	-	-	98.2	3.3	100.0	NC A & T
100.0	19.5	-	-	100.0	-	100.0	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
-	-	-	-	100.0	-	100.0	UNC-Pembroke
14.0	84.1	-	-	-	-	-	UNC-Wilmington
-	97.4	-	-	100.0	-	100.0	West'n Carolina
80.7	88.3	99.8	99.5	93.0	3.3	96.3	SUBTOTAL
							Comp. II and Lib. Arts I Univ.:
-	-	-	-	100.0	-	100.0	Elizabeth City
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	0.0	-	100.0	Winston-Salem
100.0	61.3	-	-	93.3	-	100.0	SUBTOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	86.9	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. - C.H.	100.0	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	95.9	96.9	98.3	91.8	96.5	100.0	100.0	89.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	85.5	-	100.0	45.0	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	66.3	-	49.1	100.0	0.0	-	-	-
Junior Colleges:								
SUBTOTAL	67.8	-	-	100.0	-	-	-	-
GRAND TOTAL	80.0	96.9	87.5	87.1	95.9	100.0	100.0	90.8

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	100.0	99.8	99.0	-	-	-	UNC Hosp. - C.H.
							Community Colleges:
-	-	-	-	83.2	100.0	100.0	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	87.5	99.6	91.6	45.5	-	0.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
100.0	67.6	-	-	44.9	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
80.1	80.8	99.6	94.7	87.3	46.6	51.0	GRAND TOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	100.0	99.6	100.0	100.0	100.0	-	-	-	100.0
Anson CC	100.0	98.2	0.0	31.7	0.0	-	-	-	0.0
Ashev'le-Bun. TCC	100.0	94.7	-	64.0	96.1	-	-	100.0	0.0
Beaufort Co. CC	-	97.9	-	89.8	100.0	-	-	-	100.0
Bladen CC	100.0	100.0	100.0	100.0	93.3	-	100.0	-	-
Blue Ridge CC	99.7	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Brunswick CC	-	95.8	-	84.1	100.0	-	-	100.0	69.2
Caldwell CC & TI	76.7	95.8	100.0	-	-	-	-	-	-
Cape Fear CC	100.0	97.5	100.0	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	81.6	100.0	80.7	100.0	-	-	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
C. Carolina CC	100.0	98.1	100.0	100.0	100.0	-	-	-	100.0
C. Piedmont CC	95.5	99.4	100.0	96.6	100.0	-	-	-	100.0
Cleveland CC	100.0	98.0	100.0	100.0	100.0	-	100.0	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	-	-	-	-	100.0
Craven CC**	100.0	99.3	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	84.4	-	-	-	0.0
Durham TCC	100.0	99.9	100.0	100.0	100.0	-	-	-	100.0
Edgecombe CC	100.0	81.2	-	100.0	98.0	-	-	-	100.0
Fayettev'le TCC	-	93.9	100.0	97.7	100.0	-	-	-	100.0
Forsyth TCC	100.0	97.6	96.2	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	99.0	96.5	98.4	100.0	100.0	-	-	-	0.0
Guilford TCC*	94.8	96.9	93.8	48.0	97.1	-	-	52.3	88.8
Halifax CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Haywood CC	-	87.0	100.0	100.0	80.3	-	100.0	100.0	100.0
Isothermal CC**	98.5	95.9	100.0	64.4	49.2	-	100.0	49.8	-
J. Sprunt CC	100.0	94.2	-	53.9	100.0	-	-	-	100.0
Johnston CC	-	99.8	-	-	-	-	-	-	0.0
Lenoir CC*	98.5	96.9	100.0	98.3	100.0	-	100.0	100.0	100.0

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Pitt CC - 100.0, Wake TCC - 100.0, Subtotal - 100.0.

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	100.0	95.0	100.0	100.0	79.7	-	-	-	100.0
Mayland CC	100.0	99.9	100.0	100.0	100.0	-	-	-	100.0
McDowell TCC	100.0	95.7	100.0	100.0	100.0	-	-	-	-
Mitchell CC	86.3	85.1	-	96.1	100.0	-	-	100.0	-
Montgomery CC	-	90.8	-	100.0	-	-	-	-	100.0
Nash CC	100.0	99.8	-	100.0	98.7	100.0	-	100.0	100.0
Pamlico CC	100.0	99.8	-	100.0	100.0	-	-	-	-
Piedmont CC	-	96.9	100.0	95.4	100.0	-	-	-	98.8
Pitt CC*	93.8	97.0	0.0	62.5	100.0	-	-	-	-
Randolph CC	-	100.0	-	100.0	100.0	-	-	-	100.0
Richmond CC	-	92.7	-	100.0	100.0	100.0	-	-	100.0
Roanoke-Cho. CC	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Robeson CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Rockingham CC	87.0	94.1	-	100.0	100.0	-	-	-	98.0
Rowan-Cab. CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Sampson CC	-	97.2	100.0	100.0	-	-	100.0	100.0	-
Sandhills CC	96.1	96.2	100.0	33.3	88.7	-	-	-	100.0
Southeastern CC	85.6	93.6	75.8	100.0	-	-	-	-	100.0
Southwestern CC	-	100.0	100.0	100.0	100.0	-	-	-	0.0
Stanly CC	100.0	100.0	-	-	100.0	-	-	-	100.0
Surry CC	90.4	97.8	100.0	-	76.4	-	-	-	-
Tri-County CC	100.0	100.0	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	98.3	99.7	100.0	100.0	100.0	-	-	100.0	100.0
Wake TCC	100.0	93.2	-	100.0	100.0	-	-	-	-
Wayne CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
W. Piedmont CC	99.5	99.5	-	100.0	100.0	-	-	-	100.0
Wilkes CC	100.0	97.7	-	100.0	80.6	-	-	-	0.0
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	95.9	96.9	98.3	91.8	96.5	100.0	100.0	89.9	83.2

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Subtotal - 100.0.

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Research Universities I:								
NC State	99.0	100.0	96.2	88.0	91.9	86.7	0.0	-
NC State Vet.	96.9	-	85.3	100.0	-	100.0	-	-
UNC-Chapel Hill	81.6	100.0	50.4	89.6	66.8	70.3	-	88.0
UNC-Health Aff.	100.0	100.0	100.0	98.4	95.8	96.7	96.5	100.0
SUBTOTAL	87.8	100.0	76.4	89.5	87.7	85.0	83.0	89.4
Doctoral Granting Universities I:								
UNC-Greensboro	79.4	100.0	100.0	90.3	98.8	85.4	-	-
Comprehensive I Universities:								
Appalachian	100.0	100.0	100.0	97.9	51.7	87.5	100.0	100.0
East Carolina	100.0	100.0	100.0	56.4	0.0	86.9	100.0	-
ECU-Health Aff.	100.0	100.0	99.4	100.0	100.0	100.0	-	-
Fayetteville	100.0	85.3	3.2	100.0	0.0	93.7	-	-
NC A & T	98.8	64.6	100.0	100.0	66.2	92.3	-	-
NC Central	99.1	100.0	96.4	100.0	25.6	87.7	-	100.0
UNC-Charlotte	97.7	100.0	100.0	-	-	99.9	-	-
UNC-Pembroke	99.9	100.0	100.0	-	-	97.4	-	100.0
UNC-Wilmington	57.8	100.0	100.0	82.4	-	86.7	-	17.5
West'n Carolina	100.0	95.7	74.5	100.0	97.7	96.2	-	100.0
SUBTOTAL	94.3	95.4	90.3	95.7	56.7	92.6	100.0	92.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	100.0	100.0	-	100.0	90.4	90.5	-	-
UNC-Asheville	93.8	100.0	100.0	100.0	-	100.0	-	-
Winston-Salem	100.0	89.8	41.6	94.3	32.5	62.9	-	-
SUBTOTAL	96.7	92.5	93.4	97.4	70.2	76.0	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	59.2	100.0	100.0	100.0	89.0	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	97.6	98.5	98.5	96.5	85.1	95.5	74.0	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	97.5	35.8	83.2	92.1	37.3	88.8	100.0	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	86.0	83.5	74.7	74.2	48.9	68.6	-	18.3
Junior Colleges:								
SUBTOTAL	94.5	67.3	-	-	-	36.8	-	-
GRAND TOTAL	92.0	85.6	90.7	91.1	75.9	87.9	92.7	69.4

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	100.0	100.0	50.9	-	-
Anson CC	100.0	-	100.0	100.0	-	32.7	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	-	100.0	55.0	-	-
Beaufort Co. CC	100.0	-	-	-	-	100.0	-	-
Bladen CC	100.0	-	-	-	-	91.1	-	-
Blue Ridge CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Brunswick CC	100.0	-	100.0	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	100.0	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	0.0	81.0	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
C. Carolina CC	98.2	-	100.0	-	100.0	100.0	-	-
C. Piedmont CC	98.1	100.0	90.1	100.0	72.8	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	97.0	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	100.0	-
Edgecombe CC	97.4	-	100.0	100.0	-	100.0	-	-
Fayettev'le TCC	100.0	-	100.0	100.0	-	98.0	-	-
Forsyth TCC	100.0	-	80.3	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	10.4	100.0	-	-
Guilford TCC	91.8	-	100.0	-	-	92.4	-	-
Halifax CC	100.0	-	-	-	100.0	100.0	100.0	-
Haywood CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Isothermal CC	15.0	-	100.0	-	-	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	-
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.7	100.0	100.0	100.0	-	83.9	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	100.0	-	-
Mayland CC	100.0	-	100.0	-	100.0	100.0	-	-
McDowell TCC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	0.0	100.0	0.0	-	94.4	-	-
Montgomery CC	100.0	-	-	-	100.0	100.0	-	-
Nash CC	100.0	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	-	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	100.0	100.0	100.0	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	100.0	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	100.0	91.2	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	100.0	-	100.0	-	-
Sandhills CC	99.8	100.0	100.0	-	-	74.9	0.0	-
Southeastern CC	99.0	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	100.0	100.0	-	71.3	-	-
Surry CC	100.0	-	-	100.0	-	100.0	-	-
Tri-County CC	81.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	77.3	-	-	-	100.0	100.0	-	-
Wake TCC	100.0	-	100.0	100.0	100.0	100.0	-	-
Wayne CC	100.0	-	100.0	100.0	-	100.0	100.0	-
W. Piedmont CC	100.0	-	100.0	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson TCC	99.1	-	100.0	100.0	100.0	100.0	-	-
TOTAL	97.6	98.5	98.5	96.5	85.1	95.5	74.0	-

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	97.8	94.6	78.2	86.6	15.2	66.9	99.2	74.6	80.3	49.6	13.6	11.1
NC State Vet.	-	100.0	-	-	93.0	-	-	-	61.3	100.0	100.0	-
UNC-Chapel Hill	30.6	88.0	73.1	13.5	16.7	89.8	99.7	100.0	79.6	70.7	94.0	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0	-
SUBTOTAL	67.5	91.0	76.1	43.5	16.5	82.8	99.6	90.2	79.9	79.0	68.7	34.0
Doctoral Granting Universities I:												
UNC-Greensboro	98.8	89.0	56.7	100.0	37.3	91.6	97.5	6.1	34.6	27.7	100.0	100.0
Comprehensive I Universities:												
Appalachian	100.0	82.2	97.1	100.0	36.4	89.0	99.6	93.6	85.6	100.0	100.0	-
East Carolina	21.4	83.6	76.8	99.0	51.2	99.8	40.4	45.7	93.3	7.4	-	0.0
ECU-Health Aff.	100.0	-	-	-	-	-	-	100.0	32.7	100.0	100.0	-
Fayetteville	100.0	53.7	100.0	100.0	10.1	44.8	0.0	-	0.0	-	-	100.0
NC A & T	100.0	95.4	100.0	100.0	55.7	81.5	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	100.0	93.6	47.0	45.4	56.4	43.4	91.1	72.8	93.6	-	-	100.0
UNC-Charlotte	100.0	98.5	100.0	100.0	71.8	47.3	92.2	100.0	100.0	100.0	-	-
UNC-Pembroke	100.0	74.5	100.0	100.0	27.0	72.4	43.5	100.0	100.0	82.5	-	100.0
UNC-Wilmington	100.0	83.0	83.2	100.0	27.3	52.6	91.5	100.0	99.0	-	85.3	-
West'n Carolina	100.0	98.9	96.2	100.0	41.8	83.5	41.4	76.6	44.2	44.6	-	100.0
SUBTOTAL	82.0	85.8	91.6	94.8	47.0	74.5	71.6	83.8	75.6	49.6	88.7	67.4
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	100.0	99.1	100.0	65.2	43.4	92.4	0.0	100.0	100.0	-	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	80.5	3.7	100.0	100.0	100.0	100.0	92.5	100.0
Winston-Salem	75.1	98.7	100.0	40.7	57.4	59.7	0.0	60.4	98.8	84.6	100.0	100.0
SUBTOTAL	91.8	99.0	100.0	55.9	59.3	54.1	16.3	92.2	99.5	91.4	55.5	100.0
Specialized Institution:												
NC Sch. of Arts	0.0	89.7	0.0	100.0	21.1	-	0.0	89.3	100.0	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	99.9	98.8	-	-
Community Colleges:												
SUBTOTAL	95.8	92.0	97.6	95.0	97.3	100.0	100.0	96.2	76.4	96.5	100.0	80.6
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	90.5	77.0	25.9	77.4	21.3	84.1	63.8	76.2	44.1	91.4	16.8	0.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	59.4	61.0	38.9	52.6	31.5	76.2	65.9	40.7	49.2	20.0	54.8	47.8
Junior Colleges:												
SUBTOTAL	63.6	78.6	100.0	0.0	27.8	0.0	0.0	-	95.6	0.0	-	-
GRAND TOTAL	80.8	79.6	81.6	76.7	35.2	78.9	73.0	72.6	66.0	67.6	54.5	54.0

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	72.9	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Beaufort Co. CC	100.0	99.0	100.0	90.0	91.1	-	-	-	100.0	-	-	-
Bladen CC	100.0	95.5	100.0	-	100.0	-	-	-	0.0	-	-	100.0
Blue Ridge CC	100.0	99.2	100.0	-	100.0	-	-	-	100.0	27.3	-	-
Brunswick CC	90.3	-	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	100.0	-	-	100.0	8.3	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	86.0	-	-	-	-	-	-	100.0
Carteret CC	100.0	78.0	100.0	100.0	85.9	-	-	0.0	-	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	-	36.8	-	-	-	-
C. Piedmont CC	98.8	81.7	99.2	50.5	93.0	-	-	79.1	96.3	90.3	-	95.8
Cleveland CC	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	-	95.6	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	0.0
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Fayettev'le TCC	100.0	94.9	100.0	100.0	100.0	-	100.0	100.0	7.3	100.0	-	68.9
Forsyth TCC	100.0	100.0	100.0	100.0	98.2	-	-	100.0	100.0	100.0	-	-
Gaston Col.	100.0	90.8	100.0	100.0	99.0	-	100.0	-	72.1	-	-	76.4
Guilford TCC	100.0	100.0	95.4	100.0	93.0	-	100.0	-	2.4	100.0	-	0.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	100.0
Isothermal CC	100.0	65.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	99.4	88.6	100.0	100.0	100.0	-	-	-	78.9	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	100.0
Martin CC	76.6	76.5	84.7	100.0	100.0	-	-	100.0	83.3	100.0	-	-
Mayland CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
McDowell TCC	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell CC	90.2	39.5	88.0	100.0	72.4	-	-	-	72.1	100.0	-	-
Montgomery CC	-	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	47.1	0.0	82.3	100.0	100.0	-	-	-	100.0	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	70.0	-	100.0	-	24.9	-	-	100.0
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.3	100.0	100.0	99.3	-	-	100.0	100.0	100.0	-	100.0
Rowan-Cab. CC	100.0	-	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Sandhills CC	100.0	98.3	79.3	100.0	99.9	-	-	-	96.3	100.0	100.0	100.0
Southeastern CC	100.0	94.1	84.3	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	81.3	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	97.8	-	88.1	-	-	-	100.0	-	-	-
Wake TCC	100.0	96.9	100.0	100.0	100.0	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	98.8	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	100.0	-	0.0
Wilkes CC	100.0	92.3	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-
TOTAL	95.8	92.0	97.6	95.0	97.3	100.0	100.0	96.2	76.4	96.5	100.0	80.6

Table 25d

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux. Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Research Universities I:												
NC State	26.5	76.3	58.1	90.3	31.2	44.2	66.4	100.0	23.7	71.2	85.8	14.6
NC State Vet.	-	-	79.6	-	-	23.1	-	-	-	-	-	-
UNC-Chapel Hill	6.1	60.2	83.2	85.8	33.5	77.6	60.4	98.2	99.4	96.4	59.9	24.1
UNC-Health Aff.	-	100.0	100.0	29.4	100.0	100.0	100.0	100.0	36.2	100.0	85.3	60.8
SUBTOTAL	14.8	67.9	70.8	87.3	32.6	68.4	64.0	99.0	85.0	95.0	81.0	24.6
Doctoral Granting Universities I:												
UNC-Greensboro	81.1	100.0	95.6	21.6	100.0	34.8	77.9	-	-	-	72.8	28.1
Comprehensive I Universities:												
Appalachian	95.3	100.0	84.4	100.0	16.6	100.0	100.0	98.8	-	100.0	-	0.0
East Carolina	39.2	72.0	66.1	70.0	3.7	62.5	100.0	100.0	-	100.0	-	0.0
ECU-Health Aff.	-	-	68.6	-	100.0	94.3	100.0	100.0	-	-	-	0.0
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	-	0.0	-	-
NC A & T	100.0	100.0	96.9	100.0	63.8	73.3	100.0	100.0	-	0.0	-	53.4
NC Central	84.9	99.4	67.1	99.6	80.9	75.1	66.3	100.0	-	100.0	32.2	0.0
UNC-Charlotte	100.0	100.0	100.0	100.0	100.0	55.7	100.0	100.0	-	-	100.0	100.0
UNC-Pembroke	100.0	100.0	93.2	91.8	92.0	100.0	100.0	100.0	-	-	100.0	-
UNC-Wilmington	94.1	85.7	97.2	53.4	88.6	70.6	100.0	100.0	0.0	93.2	0.0	0.0
West'n Carolina	75.6	100.0	97.2	97.9	2.6	76.8	78.2	100.0	100.0	70.9	67.0	97.7
SUBTOTAL	90.0	94.5	84.4	87.3	38.2	76.9	96.8	99.6	78.8	77.9	54.5	77.4
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	99.7	100.0	96.7	100.0	17.9	100.0	100.0	100.0	-	-	100.0	-
UNC-Asheville	32.6	76.9	70.5	100.0	22.4	100.0	100.0	100.0	-	100.0	100.0	100.0
Winston-Salem	85.0	39.5	19.7	100.0	48.4	92.5	100.0	100.0	-	100.0	51.4	99.3
SUBTOTAL	77.2	65.6	59.0	100.0	32.2	96.5	100.0	100.0	-	100.0	51.9	99.4
Specialized Institution:												
NC Sch. of Arts	27.6	100.0	77.0	100.0	19.3	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals:												
UNC Hosp. at C. H.	100.0	100.0	99.8	100.0	-	100.0	-	-	-	-	-	100.0
Community Colleges:												
SUBTOTAL	95.2	97.5	85.8	98.0	85.3	99.2	99.6	99.1	99.2	99.2	75.3	65.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	87.1	99.8	74.5	99.1	19.1	50.3	11.0	82.8	66.4	67.9	100.0	95.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	59.5	60.3	18.4	51.0	9.0	26.5	47.6	57.0	4.9	20.7	17.8	28.0
Junior Colleges:												
SUBTOTAL	46.3	97.0	30.9	100.0	6.2	68.3	65.0	44.2	-	8.8	0.0	4.1
GRAND TOTAL	78.5	87.3	62.2	85.9	20.0	56.5	71.2	89.5	71.4	81.9	55.6	59.4

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25d

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux. Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Inst. 91	Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	100.0	57.7	100.0	100.0	100.0	-	100.0	100.0	-
Anson CC	100.0	100.0	95.8	66.8	-	-	-	100.0	-	-	-	-
Asheville-Bun. TCC	19.8	100.0	87.8	18.8	79.6	0.0	100.0	100.0	-	100.0	0.0	0.0
Beaufort Co. CC	93.7	63.1	100.0	100.0	100.0	100.0	87.3	90.2	-	-	-	100.0
Bladen CC	97.6	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	-
Blue Ridge CC	100.0	100.0	91.8	0.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Brunswick CC	100.0	81.9	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Caldwell CC & TI	100.0	100.0	89.3	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	0.0	100.0	100.0
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	100.0
Catawba Vy. CC	100.0	100.0	35.3	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-
C. Carolina CC	98.7	100.0	100.0	-	100.0	-	-	100.0	100.0	-	-	0.0
C. Piedmont CC	100.0	100.0	79.6	98.5	100.0	100.0	-	98.6	-	-	-	0.0
Cleveland CC	99.0	100.0	77.9	100.0	100.0	100.0	100.0	100.0	-	100.0	60.1	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	99.2	100.0	100.0	100.0	-	100.0	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Edgecombe CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	10.7	-
Fayettev'le TCC	98.4	99.4	57.2	100.0	100.0	100.0	100.0	100.0	-	100.0	-	44.3
Forsyth TCC	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Gaston Col.	60.6	100.0	86.8	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford TCC	98.7	90.6	90.9	100.0	95.5	100.0	100.0	100.0	-	100.0	75.4	-
Halifax CC	98.1	100.0	99.4	100.0	92.4	100.0	100.0	100.0	-	-	100.0	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Isothermal CC	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	74.5	-	-	100.0	-	100.0	-	-
Johnston CC	96.6	100.0	100.0	100.0	88.0	-	100.0	100.0	-	100.0	-	-
Lenoir CC	100.0	100.0	66.6	100.0	77.6	-	100.0	100.0	-	100.0	-	100.0
Martin CC	100.0	94.6	100.0	100.0	78.6	-	-	100.0	-	-	-	0.0
Mayland CC	100.0	100.0	74.5	100.0	-	-	100.0	98.2	-	-	100.0	-
McDowell TCC	95.4	97.9	79.4	100.0	96.5	100.0	-	100.0	-	-	-	-
Mitchell CC	45.3	100.0	36.5	-	42.0	100.0	100.0	100.0	-	100.0	35.5	-
Montgomery CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	100.0	-
Nash CC	98.2	100.0	92.1	100.0	68.1	100.0	100.0	100.0	-	-	100.0	-
Pamlico CC	100.0	94.3	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Piedmont CC	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	96.7	87.1	69.5	100.0	100.0	100.0	-	97.2	-	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Roanoke-Cho. CC	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	17.4
Robeson CC	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Rockingham CC	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Rowan-Cab. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Sampson CC	98.4	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	90.6	100.0
Sandhills CC	100.0	100.0	88.6	100.0	4.7	100.0	100.0	100.0	-	100.0	-	-
Southeastern CC	100.0	100.0	72.7	100.0	-	100.0	100.0	100.0	-	-	100.0	100.0
Southwestern CC	100.0	94.6	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Stanly CC	100.0	100.0	99.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Surry CC	100.0	96.6	88.8	100.0	82.1	100.0	100.0	100.0	-	100.0	-	100.0
Tri-County CC	100.0	100.0	86.6	100.0	-	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	56.6	100.0	100.0	-	99.0	100.0	-	0.0	100.0	-
Wake TCC	100.0	100.0	51.4	100.0	100.0	100.0	100.0	85.2	-	-	100.0	100.0
Wayne CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	98.2	100.0	100.0	-	-	100.0	100.0	100.0	97.2	100.0	-	-
Wilson TCC	100.0	100.0	47.6	100.0	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	95.2	97.5	85.8	98.0	85.3	99.2	99.6	99.1	99.2	99.2	75.3	65.3

TABLE 26:

ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply ensure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on pp. 117-118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Research Universities I:										
NC State	3,518,635	58.9	184,241	90.0	929,278	79.8	884,422	78.1	233,471	93.4
NC State Vet.	211,707	80.1	7,179	97.9	49,633	79.9	34,395	88.9	12,293	97.0
UNC-Chapel Hill	3,118,544	63.8	180,442	80.3	347,893	85.8	686,377	75.0	488,004	78.5
UNC-Health Aff.	1,520,872	95.3	54,271	98.8	480,510	96.4	564,347	96.3	65,341	100.0
SUBTOTAL	8,369,758	65.8	426,133	86.7	1,807,314	84.8	2,169,541	81.2	799,109	84.2
Doctoral Granting Universities I:										
UNC-Greensboro	1,299,383	67.3	120,741	98.0	163,451	89.8	294,824	82.5	129,252	82.8
Comprehensive I Universities:										
Appalachian	1,359,337	63.8	134,134	85.7	151,588	95.0	339,135	89.4	69,999	99.1
East Carolina	1,771,667	72.4	138,442	80.3	237,678	86.0	303,369	74.9	230,972	98.7
ECU-Health Aff.	506,558	94.0	30,505	100.0	127,946	99.9	178,596	99.6	37,364	100.0
Fayetteville	380,925	56.8	51,627	75.6	44,406	76.6	97,369	84.9	54,888	93.7
NC A & T	1,238,470	78.6	99,466	88.8	225,308	85.1	263,622	89.9	114,939	96.1
NC Central	743,329	72.9	77,081	75.5	63,973	73.8	142,669	79.4	104,463	95.6
UNC-Charlotte	1,555,834	87.1	115,064	99.9	239,435	99.5	319,380	98.7	115,556	98.2
UNC-Pembroke	361,983	72.2	39,960	82.3	35,087	92.5	90,904	93.5	29,945	97.2
UNC-Wilmington	665,072	61.3	68,322	87.8	99,521	84.0	186,673	87.9	65,751	56.2
West'n Carolina	1,127,715	70.5	88,193	91.0	127,344	96.7	215,504	91.7	117,821	99.9
SUBTOTAL	9,710,890	72.7	842,794	86.0	1,352,286	89.8	2,137,221	88.4	941,698	93.0
Comp. II and Lib. Arts I Univ.:										
Elizabeth City	430,591	73.1	35,369	82.6	65,114	98.1	72,931	93.0	35,139	91.3
UNC-Asheville	463,445	86.0	42,720	100.0	63,709	99.6	73,872	89.2	71,021	93.8
Winston-Salem	482,406	68.3	38,728	65.8	17,798	41.3	81,003	65.8	37,936	95.2
SUBTOTAL	1,376,442	75.0	116,817	80.9	146,621	84.5	227,806	80.1	144,096	93.5
Specialized Institution:										
NC Sch. of Arts	300,464	70.5	18,067	100.0	110,314	87.2	33,611	78.3	18,073	95.0
Teaching Hospitals:										
UNC Hosp. at C. Hill	906,635	99.4	7,961	100.0	5,381	100.0	262,344	98.9	4,445	100.0
Community Colleges:										
SUBTOTAL	9,525,331	94.9	1,945,030	96.4	3,197,699	96.6	1,598,488	96.3	752,702	97.6
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	6,787,394	72.7	266,469	85.6	901,528	92.3	1,946,107	86.7	630,034	95.9
Gen. Baccalaureate Colleges:										
SUBTOTAL	5,987,420	46.6	539,639	63.3	532,142	60.1	790,694	57.6	656,800	81.4
Junior Colleges:										
SUBTOTAL	219,751	45.8	27,114	79.0	10,845	44.5	36,754	67.3	23,547	96.9
GRAND TOTAL	44,483,468	69.6	4,310,765	86.5	8,227,581	88.3	9,497,390	83.5	4,099,756	90.0

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq.Ft.	%	Sq. Ft.	%	
												Research Univ. I:
688,830	57.1	331,944	80.4	163,965	41.1	11,169	99.1	69,721	6.4	21,594	22.7	NC State
37,419	57.7	7,195	91.7	9,579	63.5	54,014	97.0	-	-	-	-	NC State Vet.
525,384	89.0	449,289	78.9	229,777	76.9	18,458	94.9	170,521	14.5	22,399	32.5	UNC-Chapel Hill
76,888	95.7	44,644	99.7	29,997	77.0	126,090	99.1	0	0.0	78,784	79.5	UNC-Health Aff.
1,328,521	68.4	833,072	80.5	433,318	57.7	209,731	98.2	240,242	10.6	122,777	46.7	SUBTOTAL
												Doctoral Granting Universities I:
151,614	91.8	182,056	65.5	71,249	74.6	9,066	96.8	170,214	31.4	6,916	29.8	UNC-Greensboro
												Comprehensive I Universities:
126,813	65.4	285,420	80.2	66,448	85.6	12,167	99.6	173,633	24.1	0	0.0	Appalachian
252,047	87.7	206,786	82.3	65,774	71.1	2,984	49.9	333,615	46.6	0	0.0	East Carolina
19,199	64.1	6,304	100.0	27,299	60.9	79,345	99.8	-	-	0	0.0	ECU-Health Aff.
67,290	67.7	44,151	46.9	16,584	59.5	0	0.0	4,610	3.2	-	-	Fayetteville
160,732	83.8	151,421	90.7	22,480	86.5	6,148	100.0	172,664	48.6	21,690	53.4	NC A & T
105,398	77.0	93,159	90.0	21,914	73.8	4,314	91.3	128,030	49.3	2,328	34.7	NC Central
92,764	92.1	231,722	98.5	28,551	100.0	6,162	90.9	371,025	63.9	36,175	100.0	UNC-Charlotte
63,542	96.7	73,217	85.8	20,117	94.6	1,396	47.1	6,997	6.3	818	100.0	UNC-Pembroke
66,153	64.2	109,464	85.7	28,892	77.8	1,346	87.7	38,950	13.5	0	0.0	UNC-Wilmington
102,534	70.9	216,879	87.6	60,957	87.0	1,924	49.7	149,991	29.7	46,568	96.1	West'n Carolina
1,056,472	78.1	1,418,523	84.7	359,016	78.8	115,786	90.7	1,379,515	37.5	107,579	75.1	SUBTOTAL
												Comp. II and Lib. Arts I Univ.:
59,106	91.1	87,715	92.2	15,399	95.2	0	0.0	59,818	32.9	-	-	Elizabeth City
16,257	42.1	72,116	95.2	17,513	95.9	1,192	100.0	98,515	74.0	6,530	100.0	UNC-Asheville
61,938	91.4	97,750	91.9	17,168	67.5	0	0.0	83,261	48.4	46,824	69.3	Winston-Salem
137,301	80.2	257,581	92.9	50,080	83.6	1,192	13.9	241,594	49.6	53,354	72.0	SUBTOTAL
												Specialized Institution:
4,657	39.7	55,890	75.6	19,064	100.0	0	0.0	20,064	21.7	20,724	99.5	NC Sch. of Arts
												Teaching Hospitals:
5,808	100.0	47,757	100.0	103,519	100.0	460,500	99.4	3,505	100.0	5,415	100.0	UNC Hosp. at C. Hill
												Community Colleges:
460,114	89.8	1,060,141	95.0	419,203	81.8	2,035	100.0	3,896	39.8	86,023	65.7	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
322,280	62.2	707,533	79.0	401,027	66.5	1,299,064	98.6	171,976	10.3	141,376	95.3	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,042,076	76.8	1,362,629	65.1	198,223	23.7	27,667	63.5	790,754	18.0	46,796	22.2	SUBTOTAL
												Junior Colleges:
19,640	49.3	75,914	76.1	6,483	76.6	0	0.0	18,716	12.1	738	2.2	SUBTOTAL
4,528,483	74.5	6,001,096	79.1	2,061,182	59.8	2,125,041	96.9	3,040,476	22.9	591,698	56.1	GRAND TOTAL

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	175,973	98.4	44,042	99.5	73,824	99.8	28,363	93.6	8,014	100.0
Anson CC	34,699	87.2	5,237	86.2	13,626	97.3	5,124	60.9	4,758	100.0
Asheville-Bun. TCC	294,311	93.4	63,421	92.2	115,895	95.9	38,310	85.0	18,989	100.0
Beaufort Co. CC	128,165	97.2	21,470	97.4	42,104	98.6	24,631	92.8	9,194	100.0
Bladen CC	79,218	96.3	11,819	100.0	28,041	98.5	9,649	97.6	5,240	100.0
Blue Ridge CC	181,795	99.5	36,009	100.0	78,274	100.0	18,383	99.2	11,696	100.0
Brunswick CC	106,426	91.9	16,662	98.2	22,454	89.3	14,676	95.8	6,958	100.0
Caldwell CC & TI	173,574	90.6	30,343	99.9	51,322	87.9	23,070	100.0	12,941	100.0
Cape Fear CC	175,495	97.9	34,439	97.5	61,423	98.5	34,159	98.4	13,067	100.0
Carteret CC	96,754	86.2	15,369	84.8	29,563	95.2	12,254	86.4	6,473	91.5
Catawba Vy. CC	218,699	96.2	41,676	100.0	97,868	100.0	34,760	99.7	15,702	100.0
C. Carolina CC	203,744	98.1	43,718	100.0	74,844	97.6	28,967	97.9	12,853	99.0
C. Piedmont CC	578,317	96.0	140,234	100.0	195,242	99.4	111,117	95.2	44,952	98.7
Cleveland CC	134,145	98.1	19,932	94.0	45,052	100.0	18,117	99.0	15,613	100.0
Coastal Car. CC	195,312	100.0	47,257	100.0	70,391	100.0	32,917	100.0	15,190	100.0
Col. Albemarle	128,666	99.9	20,878	100.0	32,966	99.7	21,447	100.0	18,402	100.0
Craven CC	109,038	99.6	29,847	100.0	38,393	98.9	15,779	99.7	14,397	100.0
Davidson Co. CC	186,613	98.0	44,265	100.0	47,494	93.7	33,544	100.0	16,958	98.5
Durham TCC	195,536	99.4	47,306	100.0	68,132	100.0	35,890	99.7	14,965	100.0
Edgecombe CC	107,458	84.9	23,940	80.7	30,491	81.4	18,958	98.2	10,247	97.3
Fayettev'le TCC	355,405	92.8	97,104	96.6	98,568	94.1	70,824	96.3	19,115	100.0
Forsyth TCC	358,626	98.5	73,975	99.7	127,774	96.5	72,977	99.9	21,278	100.0
Gaston Col.	227,318	88.6	48,898	98.3	74,748	77.6	34,673	93.7	22,661	100.0
Guilford TCC	472,071	91.0	124,159	90.4	161,219	94.2	88,810	94.1	27,986	90.0
Halifax CC	124,134	99.4	27,763	100.0	37,779	100.0	23,707	99.7	10,123	100.0
Haywood CC	192,793	91.5	14,135	83.9	88,759	97.5	26,017	97.8	6,490	100.0
Isothermal CC	150,754	89.2	23,557	93.8	56,719	91.3	20,596	98.7	3,004	25.5
J. Sprunt CC	83,988	92.8	18,289	95.9	21,384	90.9	21,273	91.4	4,368	100.0
Johnston CC	159,194	99.0	28,801	100.0	50,215	97.2	15,587	99.8	9,177	100.0
Lenoir CC	201,112	96.7	43,223	97.1	46,296	98.7	26,579	94.7	15,345	100.0
Martin CC	135,997	76.7	13,368	94.8	41,658	99.7	16,395	95.3	12,823	100.0
Mayland CC	65,147	99.1	14,417	100.0	14,618	99.7	13,164	99.9	8,976	100.0
McDowell TCC	68,824	96.2	8,915	87.7	31,246	98.4	11,282	98.0	4,962	100.0
Mitchell CC	144,857	79.3	36,531	93.8	37,158	87.5	25,173	91.4	13,351	100.0
Montgomery CC	51,182	93.9	2,958	47.0	27,475	100.0	8,646	100.0	2,829	100.0
Nash CC	107,955	98.8	27,006	100.0	37,930	99.9	16,751	98.0	11,795	100.0
Pamlico CC	27,166	95.7	5,265	100.0	9,166	100.0	4,706	98.6	4,224	100.0
Piedmont CC	97,875	98.1	12,880	97.2	35,811	96.8	16,641	99.1	7,465	100.0
Pitt CC	166,389	94.9	34,443	97.7	62,703	99.8	33,825	84.5	19,065	97.6
Randolph CC	166,788	100.0	30,220	100.0	71,916	100.0	27,049	100.0	10,543	100.0
Richmond CC	104,408	93.1	17,753	91.2	32,385	95.9	22,270	95.6	10,351	93.3
Roanoke-Cho. CC	96,231	96.3	11,356	100.0	45,523	100.0	12,487	99.8	9,492	100.0
Robeson CC	132,951	97.6	24,539	100.0	42,734	99.9	24,674	99.9	11,650	100.0
Rockingham CC	203,872	94.0	40,039	96.4	57,348	93.1	28,326	97.9	14,738	100.0
Rowan-Cab. CC	173,836	100.0	45,261	100.0	55,318	100.0	28,748	100.0	17,403	100.0
Sampson CC	86,026	98.1	18,926	100.0	22,502	97.9	18,998	99.8	11,242	100.0
Sandhills CC	187,203	93.5	36,693	97.6	50,731	98.0	31,793	90.7	19,753	100.0
Southeastern CC	122,101	92.8	23,735	81.2	36,004	98.8	21,190	91.5	13,138	99.2
Southwestern CC	139,610	95.7	23,063	100.0	41,716	92.5	24,685	99.2	11,160	100.0
Stanly CC	89,775	99.5	16,205	100.0	34,926	100.0	18,579	97.5	5,548	100.0
Surry CC	164,249	94.8	27,207	81.0	54,374	98.3	28,309	96.0	11,985	100.0
Tri-County CC	80,124	96.6	22,007	98.5	25,256	99.5	7,499	97.4	5,267	84.7
Vance-Granv. CC	147,800	95.7	32,392	100.0	50,757	100.0	27,226	98.9	7,106	76.0
Wake TCC	273,154	93.3	61,299	93.3	73,764	93.0	56,699	99.2	35,460	100.0
Wayne CC	214,152	99.9	38,646	100.0	79,231	100.0	38,165	100.0	21,315	100.0
W. Piedmont CC	127,067	96.1	26,569	99.8	39,461	99.9	27,732	99.4	15,033	100.0
Wilkes CC	204,073	97.3	35,915	96.7	54,720	98.5	27,156	98.5	10,904	100.0
Wilson TCC	117,186	98.5	19,654	100.0	50,408	100.0	19,162	95.6	8,968	99.2
TOTAL	9,525,331	94.9	1,945,030	96.4	3,197,699	96.6	1,598,488	96.3	752,702	97.6

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
6,886	100.0	9,044	100.0	5,723	100.0	-	-	0	0.0	77	100.0	Alamance CC
240	100.0	3,456	86.4	2,258	98.4	-	-	-	-	-	-	Anson CC
28,969	100.0	18,181	97.5	10,546	86.7	-	-	-	-	0	0.0	Asheville-Bun. TCC
400	100.0	14,326	95.7	9,843	100.0	-	-	-	-	6,197	100.0	Beaufort Co. CC
-	-	13,463	96.1	4,653	71.8	-	-	-	-	6,363	100.0	Bladen CC
11,965	100.0	14,684	99.8	10,037	93.8	-	-	-	-	747	100.0	Blue Ridge CC
2,266	100.0	27,792	82.9	4,203	100.0	112	100.0	-	-	11,303	100.0	Brunswick CC
16,269	98.9	36,864	100.0	2,695	20.1	-	-	-	-	70	100.0	Caldwell CC & TI
1,145	100.0	9,102	89.6	3,505	100.0	-	-	0	0.0	18,685	100.0	Cape Fear CC
1,275	14.3	6,574	86.2	23,796	100.0	-	-	-	-	1,450	100.0	Carteret CC
10,163	100.0	15,960	100.0	1,478	14.6	-	-	-	-	1,092	100.0	Catawba Vy. CC
10,900	100.0	31,396	100.0	1,066	89.9	-	-	-	-	0	0.0	C. Carolina CC
30,093	81.6	40,073	93.2	16,606	81.1	-	-	-	-	0	0.0	C. Piedmont CC
11,377	100.0	15,442	100.0	8,380	87.6	-	-	-	-	232	100.0	Cleveland CC
4,032	100.0	15,500	100.0	6,636	100.0	-	-	-	-	3,389	100.0	Coastal Car. CC
159	100.0	25,911	100.0	8,428	100.0	-	-	-	-	475	100.0	Col. Albemarle
1,797	100.0	7,487	100.0	1,338	100.0	-	-	-	-	-	-	Craven CC
16,147	99.0	15,755	98.8	12,450	100.0	-	-	-	-	-	-	Davidson Co. CC
1,913	100.0	17,871	100.0	9,459	90.0	-	-	-	-	-	-	Durham TCC
1,346	100.0	14,003	100.0	8,473	100.0	-	-	-	-	0	0.0	Edgecombe CC
15,140	84.8	33,954	100.0	19,254	62.8	378	100.0	-	-	1,068	44.3	Fayettev'le TCC
15,646	98.2	36,028	98.9	10,948	100.0	-	-	-	-	-	-	Forsyth TCC
8,709	81.3	28,179	95.2	8,702	87.4	748	100.0	-	-	-	-	Gaston Col.
7,373	79.9	46,800	94.2	9,813	51.6	-	-	3,124	100.0	2,787	75.4	Guilford TCC
4,975	100.0	10,155	99.4	8,655	93.7	-	-	-	-	977	100.0	Halifax CC
17,198	62.8	32,720	100.0	7,241	84.3	-	-	233	100.0	0	0.0	Haywood CC
25,791	100.0	13,051	85.4	8,036	100.0	-	-	-	-	-	-	Isothermal CC
4,468	100.0	8,703	94.4	5,503	84.1	-	-	-	-	-	-	J. Sprunt CC
11,124	100.0	24,974	99.7	19,316	100.0	-	-	-	-	-	-	Johnston CC
25,614	100.0	23,201	98.2	7,496	70.7	-	-	-	-	13,358	100.0	Lenoir CC
2,340	49.4	44,755	78.4	4,658	87.1	-	-	-	-	0	0.0	Martin CC
6,248	100.0	5,413	100.0	2,311	80.4	-	-	-	-	-	-	Mayland CC
-	-	8,549	98.8	3,870	85.8	-	-	-	-	-	-	McDowell TCC
9,765	59.5	17,100	59.0	4,485	39.7	-	-	-	-	1,294	35.5	Mitchell CC
1,766	100.0	5,104	100.0	2,404	100.0	-	-	-	-	-	-	Montgomery CC
-	-	3,369	94.4	11,019	94.2	-	-	-	-	85	100.0	Nash CC
465	100.0	2,114	100.0	1,226	51.4	-	-	-	-	-	-	Pamlico CC
8,814	100.0	12,513	98.8	3,751	100.0	-	-	-	-	-	-	Piedmont CC
5,279	80.8	7,469	100.0	3,605	100.0	-	-	-	-	-	-	Pitt CC
4,769	100.0	14,162	100.0	8,129	100.0	-	-	-	-	-	-	Randolph CC
4,082	100.0	10,566	90.1	6,901	80.6	100	100.0	-	-	-	-	Richmond CC
1,087	100.0	10,014	100.0	5,504	100.0	-	-	-	-	768	17.4	Roanoke-Cho. CC
1,747	100.0	21,305	86.8	6,302	100.0	-	-	-	-	-	-	Robeson CC
26,356	80.6	25,762	99.3	9,092	100.0	-	-	-	-	2,211	100.0	Rockingham CC
3,517	100.0	17,755	100.0	3,953	100.0	-	-	-	-	1,881	100.0	Rowan-Cab. CC
0	0.0	10,003	100.0	3,648	100.0	-	-	-	-	707	100.0	Sampson CC
10,255	83.6	29,968	99.1	7,471	92.5	-	-	539	9.7	-	-	Sandhills CC
11,310	99.4	11,077	100.0	4,218	74.5	-	-	-	-	1,429	100.0	Southeastern CC
2,931	100.0	31,308	100.0	4,747	63.1	-	-	-	-	-	-	Southwestern CC
1,296	100.0	11,108	100.0	2,113	100.0	-	-	-	-	-	-	Stanly CC
16,394	100.0	14,153	96.9	5,455	100.0	-	-	-	-	6,372	100.0	Surry CC
-	-	13,269	100.0	6,826	85.1	-	-	-	-	-	-	Tri-County CC
1,487	100.0	25,426	95.5	2,779	48.6	-	-	-	-	627	100.0	Vance-Granv. CC
11,676	99.5	23,205	99.6	8,997	49.6	328	100.0	-	-	1,726	100.0	Wake TCC
4,499	100.0	17,184	99.3	14,288	100.0	131	100.0	-	-	693	100.0	Wayne CC
4,932	96.7	11,654	100.0	1,632	25.5	54	100.0	-	-	-	-	W. Piedmont CC
24,230	99.9	36,215	91.9	14,933	100.0	-	-	-	-	-	-	Wilkes CC
1,489	100.0	8,972	100.0	8,349	91.1	184	100.0	-	-	-	-	Wilson TCC
460,114	89.8	1,060,141	95.0	419,203	81.8	2,035	100.0	3,896	39.8	86,023	65.7	TOTAL

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Institution	Type *	Fice Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Graham 27253	06
Anson Community College	1-3	007985	Anson	Polkton 28135	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Community College	1-3	007897	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-2	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	02
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	03
Catawba College	2-2	002914	Rowan	Salibury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	12
Chowan College	2-2	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28546	03
College of the Albemarle	1-3	002919	Pasquotank	Elizabeth City 27909	03
Craven Community College	1-3	008086	Craven	New Bern 28562	01
Davidson College	2-2	002918	Meckenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01

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Institution	Type*	Fice Code	County	City	Congr. Dist.**
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	06
Gardner-Webb University	2-2	002929	Cleveland	Boiling Springs 28017	09
Gaston College	1-2	002973	Gaston	Dallas 28034	09
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02
Lees-McRae College	2-2	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	03
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	12
Louisburg College	2-3	002943	Franklin	Louisburg 27549	02
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat College	2-2	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	02
N. C. A&T State University	1-2	002905	Guilford	Greensboro 27311	12
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	06
N. C. State University	1-1	002972	Wake	Raleigh 27650	04

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Institution	Type*	Fice Code	County	City	Congr. Dist.**
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Peace College	2-2	002953	Wake	Raleigh 27604	04
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	05
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28144	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	02
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Pembroke	1-2	002954	Robeson	Pembroke 28372	07
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05

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Institution	Type*	Fice Code	County	City	Congr. Dist.**
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Warren Wilson College	2-2	002979	Wilson	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27533	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	02
Wingate University	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	12

*The Type Code in this index indicates the control and level of the instituion. Controls are a "1" for public and a "2" for private instituions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1990 census.

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